

ThinkVision®

*Personal Systems Reference
Lenovo and ThinkVision Monitors
2005 to present - withdrawn*

June 2008 - Version 341



lenovo.com

Monitors (E Series / E54) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

E Series Essential CRT Monitors - US models							
Name	E54	E54	E54	E54	E54	E54	E54
Case color	Pearl white	Business black	Pearl white	Business black	Business black	Business black	Business black
Type-model	6331-M2N	6331-N2N	6331-07N	6331-47N	6331-4CN	6331-P7N	6331-P7N
CRT size and type	15" FST CRT		15" FST CRT		15" FST CRT		15" FST CRT
Viewable image size	13.8" / 350mm		13.8" / 350mm		13.9" / 354mm		13.9" / 354mm
Dot pitch	0.28mm diagonal / shadow mask		0.28mm diagonal / 0.24mm horizontal / shadow mask		0.28mm diagonal / 0.24mm horizontal / shadow mask		0.28mm diagonal / 0.24mm horizontal / shadow mask
Max view area (inches)	10.3 x 7.7" (w/h)		11.1 x 8.3" (w/h)		11.2 x 8.3" (w/h)		11.2 x 8.3" (w/h)
Max view area (mm)	262 x 196mm (w/h)		282 x 211mm (w/h)		284 x 212mm (w/h)		284 x 212mm (w/h)
Video input	Analog		Analog		Analog		Analog
Frequency	Multiscanning		Multiscanning		Multiscanning		Multiscanning
Vertical refresh rate range	50 to 120Hz		50 to 120Hz		50 to 120Hz		50 to 120Hz
Horizontal line rate range	30 to 69kHz		30 to 69 kHz		30 to 69 kHz		30 to 69 kHz
Clock rate	110Mpels/sec (MHz)		110Mpels/sec (MHz)		110Mpels/sec (MHz)		110Mpels/sec (MHz)
Optimum resolution	800x600 at 85Hz		800x600 at 85Hz		800x600 at 85Hz		800x600 at 85Hz
Max flicker free resolution	1024x768		1024x768		1024x768		1024x768
Maximum resolution	1280x1024		1280x1024		1280x1024		1280x1024
720x400 (presets)	70		70		70		70
640x480 (presets)	60, 75, 85		60, 75, 85		60, 75, 85		60, 75, 85
800x600 (presets)	60, 75, 85		60, 75, 85		75, 85		60, 75, 85
960x529 (presets)	-		-		-		-
1024x768 (presets)	60, 70, 75, 85		60, 75, 85		75, 85		60, 75, 85
1152x864 (presets)	-		-		-		75
1280x1024 (presets)	60		-		60		-
Presets/user settings	13 / 8		10 / 8		9 / 8		11 / 8
Emission	MPR-II, FCC-B		MPR-II, FCC-B		MPR-II, FCC-B		MPR-II, FCC-B
TCO-compliant	No		No		No		No
ISO 9241-3 and -8 ¹	Yes		Yes		Yes		Yes
RoHS	No		No		No		No
On screen display	Yes		Yes (5 languages)		Yes (5 languages)		Yes (5 languages)
User controls	Digital front mounted controls		Digital front mounted controls		Digital front mounted controls		Digital front mounted controls
Borderless operation	Yes		Yes		Yes		Yes
Brightness/contrast control	Yes		Yes		Yes		Yes
Horizontal size/position	Yes		Yes		Yes		Yes
Vertical size/position	Yes		Yes		Yes		Yes
Geometry reset/recall	Yes		Yes		Yes		Yes
Controls lock/unlock	Yes		Yes		Yes		Yes
Display mode information	No		No		No		No
Pincushion/trapezoidal	Yes		Yes		Yes		Yes
Image rotation	Yes (manual)		Yes (manual)		Yes (manual)		Yes (manual)
Keystone and balance	Yes		Yes		Yes		Yes
Geometry reset	Yes		Yes		Yes		Yes
User color settings	9300K, 6500K, User1		9300K, 6500K, User1		9300K, 6500K, User1		9300K, 6500K, User1
Color point adjustment/reset	Yes		Yes		Yes		Yes
Manual degauss	Yes		Yes		Yes		Yes
Video signal cable	One 1.8m captive with 15-pin D shell		One 1.8m captive with 15-pin D shell		One 1.8m captive with 15-pin D shell		One 1.8m captive with 15-pin D shell
Power cord	1.8m detached		1.5m detached		1.5m detached		1.5m detached
Anti-reflective treatment	Yes		Yes		Yes		Yes
Anti-static treatment	Yes		Yes		Yes		Yes
Self diagnosis function	Yes		Yes		Yes		Yes
Dimensions (H x W x D)	15.4" x 14.6" x 15.7"		15.2" x 14.6" x 15.4"		14.3" x 15.2" x 14.2"		14.3" x 15.2" x 14.2"
Dimensions (H x W x D)	391mm x 371mm x 399mm		387mm x 370mm x 391mm		362mm x 387mm x 360mm		362mm x 387mm x 360mm
Weight	28.2 lb (12.8kg)		26.4 lb (12.0kg)		25.3 lb (11.5kg)		25.3 lb (11.5kg)
VESA DDC2B ²	DDC2B		DDC2B		DDC2B		DDC2B
VESA DPMS compliant	DPMS		DPMS		DPMS		DPMS
ENERGY STAR ³	Yes		Yes		Yes		Yes
Limited warranty ⁴	3 year		3 year		3 year		3 year
Available/withdrawn date	November 2000 / February 2002		Jan 02 / Sep 05		Nov 01 / Apr 06		Dec 04 / Dec 05
							Feb 06 / Oct 06
LIMITED WARRANTY ⇨ 3 year limited warranty ⁴ ⇨ International Warranty Service ⁵ ⇨ Express Maintenance at 1-800-IBM-SERV (426-7378) ⇨ Replacement normally arrives in two business days ⇨ Lenovo pays all shipping costs for valid warranty claims ⁶ ⇨ Service upgrade options: ⁷ <ul style="list-style-type: none"> • 3 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus™ 41C9209) • 3 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9212) • 4 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus 41C9215) • 4 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9216) ⇨ 24x7 ⁸ day toll-free support for warranty issues during the warranty period ⁴			STANDARD FEATURES Universal power supply Anti-static screen Anti-glare screen Tilt/swivel stand Automatic degauss Northern hemisphere Separate power cord			• E Series Essential CRT Monitors provide essential features at attractive prices	
			OPTIONS ThinkPad Convertible Monitor Stand 40Y7620 Other options at lenovo.com/options				

See footnotes for important warranty information

Monitors (E series / E74) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

E Series Essential CRT Monitors					
Name	E74	E74	E74	E74	E74
Case color	Pearl white	Business black	Business black	Business black	Business black
Type-model	6332-0HN	6332-4HN	6332-UHN	6332-4CN	6332-PHN
US Govt model (TAA) ¹⁰	No	No	Yes ¹⁰	No	No
CRT size and type	17" FST CRT				
Viewable image size	16.0" / 406mm				
Dot pitch	Horizontal dot pitch 0.23mm, diagonal dot pitch 0.27mm				
Max view area (W x H)	12.79 x 9.6"				
Max view area (W x H)	325 x 244mm				
Video input	Analog				
Frequency	Multiscanning				
Vertical refresh rate range	50 to 120Hz		50 to 130Hz		
Horizontal line rate range	30 to 69kHz				
Clock rate	110Mpels/sec (MHz)				
Optimum resolution	1024x768 at 85Hz				
Max flicker free resolution	1024x768 at 85Hz				
Maximum resolution	1280x1024 at 60Hz				
720x400 (presets)	70, 85		70	70, 85	
640x480 (presets)	60, 75, 85		60, 85	60, 75, 85	
800x600 (presets)	75, 85		75, 85	75, 85	
960x529 (presets)	75		-	75	
1024x768 (presets)	75, 85		75, 85	75, 85	
1154x864 (presets)	-		-	75	
1280x1024 (presets)	-		60	-	
Presets/user settings	10 / 8		8 / 8	11 / 8	
On Screen Display	Yes (6 languages)				
OSD user controls	Digital front panel controls				
Brightness/contrast control	Yes				
Horizontal size/position	Yes				
Vertical size/position	Yes				
Geometry reset/recall	Yes				
Pincushion / balanced pinc	Yes				
Image rotation	Yes				
Picture zoom	Yes				
Language select	Yes				
User color settings	9300K, 6500K, User1				
R, G, B, gain adjustment	Yes				
Moire reduction	Yes				
Manual degauss	Yes				
Twin video input	No				
Video signal cable	One 1.5m captive with 15-pin D shell				
Power cord	1.8m detached				
Anti-reflective treatment	Yes				
Anti-static treatment	Yes				
Dimensions (H x W x D)	15.7" x 15.7" x 16.2"		15.8" x 16.1" x 16.5"		
Dimensions (H x W x D)	400mm x 398mm x 412mm		402mm x 410mm x 420mm		
Weight	33 lb (15 kg)		34.1 lb (15.5 kg)		
VESA DDC1/DDC2B ²	DDC2B				
VESA DPMS compliant	Yes				
ENERGY STAR ³	Yes				
Emission standards	MPR-II, FCC-B				
TCO99-compliant	No				
ISO 9241 capable	Parts 3, 7, 8 ¹				
RoHS	No				
Limited warranty ⁴	3 year				
Available date	May 2001	May 2001	August 2003	September 2004	December 2005
LIMITED WARRANTY ⇨ 3 year limited warranty ⁴ ⇨ International Warranty Service ⁵ ⇨ Express Maintenance at 1-800-426-7378 ⇨ Replacement normally arrives in two business days, excluding holidays ⇨ Lenovo pays all shipping costs for valid warranty claims ⁶ ⇨ Service upgrade options: ⁷ <ul style="list-style-type: none"> • 3 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus™ 41C9209) • 3 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9212) • 4 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus 41C9217) • 4 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9218) ⇨ 24x7 ⁸ day toll-free support for warranty issues during the warranty period ⁴		STANDARD FEATURES Universal power supply Anti-static screen Anti-glare screen Tilt/swivel stand Automatic degauss Northern hemisphere Separate power cord		• E Series Essential CRT Monitors provide essential features at attractive prices	
		OPTIONS			
		ThinkPad Convertible Monitor Stand		40Y7620	
		Other options at lenovo.com/options			

See footnotes for important warranty information

US models announced May 2001, August 12, 2003, September 7, 2004, or December 20, 2005

US models withdrawn effective February or August 2004; 4CN withdrawn effective December 2005

US model 6332-4HN withdrawn effective April 2006

US model 6332-PHN withdrawn effective October 2006

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(ME74) October 2006

E Series Essential CRT Monitors	
Name	E74
Case color	Business black
Type-model	6332-BCN
Stand	Tilt-swivel stand
CRT size and type	17" (432mm) FST CRT
Viewable image size	16.0" / 406mm
Dot pitch	Horizontal dot pitch 0.23mm, diagonal dot pitch 0.27mm
Max view area (W x H)	12.6 x 9.6"
Max view area (W x H)	320 x 243mm
Video input	Analog
Frequency	Multiscanning
Vertical refresh rate range	50 to 130Hz
Horizontal line rate range	30 to 69kHz
Clock rate	110Mpels/sec (MHz)
Optimum resolution	1024x768 at 85Hz
Max flicker free resolution	1024x768 at 85Hz
Maximum resolution	1280x1024 at 60Hz
640x480 (presets)	60, 85
720x400 (presets)	70
800x600 (presets)	75, 85
1024x768 (presets)	75, 85
1152x864 (presets)	75
1280x1024 (presets)	60
Presets/user settings	9 / 8
On screen display	Yes (6 languages)
On screen display controls	Digital front panel controls
Control features	Contrast/brightness, horizontal/vertical size/centering, pincushion, trapezoid, image rotation, geometry recall, degauss, color point adjustment, R/G/B control, color point recall, selectable color points, picture zoom, moire control, parallelogram, pin balance
Connector	15-pin D-shell
Signal cable	One 1.5m captive with 15-pin D shell
Power cord	1.8m detached
Anti-reflective treatment	Yes
Anti-static treatment	Yes
Dimensions (H x W x D)	15.8" x 16.1" x 16.5"
Dimensions (H x W x D)	402mm x 410mm x 420mm
Weight	34.1 lb (15.5 kg)
Stand	Tilt-swivel stand / tilt: 14° back, 4° forward / swivel: 90° left, 90° right
VESA DDC1/DDC2B ²	DDC1/DDC2B
VESA DPMS compliant	Yes
ENERGY STAR ³	No
Emission standards	MPR-II, FCC-B
TCO 99-compliant	No
ISO 9241 capable	Parts 3, 7, 8 ¹
RoHS	RoHS (EU Directive 2002/95/EC)
Ship group	Monitor, attached stand, User's Guide, diskette with monitor installation files, analog signal cable, 1.8m black power cord
Power supply	90-264Vac, 68 watts maximum, 50-60Hz
Limited warranty ⁴	3-year
Available date	April 2006

POSITIONING

- The Lenovo E74 CRT monitor is an essential monitor offering standard business features for value-conscious customers.

FEATURES

- 17-inch (432mm) CRT with a viewable image size of 16.0" (406mm) incorporating a 0.27 dot pitch
- Flatter, squarer tube (FST) cathode ray tube (CRT) design
- Recommended for use at maximum resolution of 1024x768 at 85Hz for flicker-free viewing
- Anti-reflective screen treatments to minimize glare without sacrificing picture sharpness

<p>LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3-year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3-year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus™ 41C9209) • 3-year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9212) • 4-year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus 41C9217) • 4-year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9218) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>STANDARD FEATURES</p> <ul style="list-style-type: none"> • Borderless operation • Universal power supply • Anti-static screen • Anti-glare screen • Tilt/swivel stand • Automatic degauss • Northern hemisphere • Separate power cord 	<p>E Series Essential CRT Monitors provide essential features at attractive prices</p> <p style="text-align: center;">OPTIONS</p> <p>ThinkPad Convertible Monitor Stand 40Y7620 Other options at lenovo.com/options</p>
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See footnotes for important warranty information
US model announced April 11, 2006
US model withdrawn effective February 2007

Monitors (E Series / E74M) - withdrawn

Created by Lenovo Training Solutions
Personal Systems Reference (PSREF)

E Series Essential CRT Monitors - US models			
Name	E74M Multimedia Color Monitor		E74M Multimedia Color Monitor
Case color	Pearl white	Business black	Pearl white Business black Business black
Type-model	6517-07N	6517-47N	6517-97N 6517-67N 6517-6LN
CRT size and type	17" FST CRT		17" FST CRT
Viewable image size	15.9" / 404mm		15.9" / 404mm
Dot pitch	0.23mm horizontal, 0.27mm diagonal		0.23mm horizontal, 0.27mm diag
Max view area in (W x H)	12.97 x 9.77" / 329.5 x 248.2mm		12.79 x 9.56" / 325 x 243mm
Video input	Analog		Analog
Frequency	Multiscanning		Multiscanning
Vertical refresh rate range	50 to 160Hz		50 to 160Hz
Horizontal line rate range	30 to 69kHz		30 to 70kHz
Clock rate	110Mpels/sec (MHz)		110Mpels/sec (MHz)
Optimum addressability	1024x768 at 85Hz		1024x768 at 85Hz
Maximum flicker free mode	1024x768 at 85Hz		1024x768 at 85Hz
Maximum addressability	1280x1024 at 60Hz		1280x1024 at 60Hz
Display presets	640x480 at 60, 75, 85Hz 720x400 at 70, 85Hz 800x600 at 75, 85Hz 960x529 at 75Hz 1024x768 at 75, 85Hz		640x480 at 60, 75, 85Hz 720x400 at 70, 85Hz 800x600 at 75, 85Hz 960x529 at 75Hz 1024x768 at 75, 85Hz
Presets / user settings	10 / 10		10 / 10 10 / 20
On screen display (OSD)	Yes (5 languages)		Yes (5 languages) Yes (11 languages)
OSD user controls	Digital front panel		Digital front panel
OSD features	Brightness and contrast Image size and position, image geometry Color settings (2 preset + 1 user) Geometry reset/recall Controls lock/unlock Monitor model information Manual degauss		Brightness and contrast Image size and position Image geometry Color settings (2 preset + 1 user) Geometry reset/recall, pincushion, trapezoid, moire, rotation Manual degauss
Speakers	Stereo speakers integrated into sides of monitor		Stereo speakers integrated into sides of monitor
Speaker power	1 watt per channel		1 watt per channel / 60Hz to 10kHz frequency response
Microphone	Integrated microphone (electret condensor)		Integrated microphone (electret condensor / 100Hz to 5kHz)
Auxiliary microphone in	3.5mm mono (left side)		3.5mm mono (left side)
Audio in	3.5mm stereo (rear)		3.5mm stereo (rear)
Headphone out	3.5mm stereo (left side) (speakers are muted if plug is inserted)		3.5mm stereo (left side) (speakers are muted if plug is inserted)
Microphone out	3.5mm mono (rear)		3.5mm mono (rear)
Audio OSD controls	Volume, treble, bass, balance, microphone (enable/disable)		Volume, treble, bass, balance, microphone (enable/disable), speaker mute
Audio signal cables	Stereo cable (for audio in jack on monitor) Mono cable (for microphone out jack on monitor)		Stereo cable (for audio in jack on monitor) Mono cable (for microphone out jack on monitor)
Video signal cable	One 1.5m captive with 15-pin D shell		One 1.5m captive with 15-pin D shell
Power cord	One 1.8m detached		One 1.8m detached
Anti-reflective treatment	Yes		Yes (and anti-glare)
Anti-static treatment	No		Yes
Self diagnosis function	No		No
Dimensions (H x W x D)	17.2 x 18.3 x 17.4"		17.1 x 18.3 x 17.4" 436mm x 465mm x 442mm 15.7 x 17.7 x 16.4" 339mm x 450mm x 416mm
Weight	38.3 lbs		37.4 lbs (17.0 kg) 33.4 lbs (15.2 kg)
Power consumption	120 watts max		120 watts max
Emission	MPR-II, FCC-B		MPR-II, FCC-B
Environmental label	No		TCO 99 TCO 95 TCO 99
ISO 9241-3 -8 ¹	Yes		Yes
VESA DDC1/DDC2B ²	DDC1/DDC2B		DDC1/DDC2B
VESA DPMS compliant	DPMS		DPMS
Power management	ENERGY STAR ³		ENERGY STAR ³
Limited warranty ⁴	3 year		3 year
Available / withdrawn date	Nov 00 / Oct 01 Nov 00 / Apr 2001		Sep 01 / Sep 02 Apr 01 / Sep 02 August 2002 / November 2005

<p align="center">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Express Maintenance at 1-800-426-7378 ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus™ 41C9209) • 3 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9212) • 4 year, on site exchange Mon-Fri 9-5 with next day response (ThinkPlus 41C9217) • 4 year, on site exchange 7 day x 24 hr with 4 hour response (ThinkPlus 41C9218) ↪ 24x7³ day toll-free support for warranty issues during the warranty period⁴ 	<ul style="list-style-type: none"> • E Series Essential CRT Monitors provide essential features at attractive prices
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See footnotes for important warranty information
US models withdrawn from marketing

Flat Panel Monitors - US model

Name	Lenovo L151 Flat Panel Monitor	<p style="text-align: center;">POSITIONING</p> <ul style="list-style-type: none"> The Lenovo L151 monitor is best suited for general business applications. <p style="text-align: center;">FEATURES</p> <ul style="list-style-type: none"> All-purpose 15-inch flat panel LCD monitor Ultra narrow bezel (16mm / 0.63") Resolution of 1024x768 provides crisp screen images Stand tilts for comfortable viewing Direct access for automatic image setup and brightness Quick and easy monitor adjustments using on-screen display menus Matching design to Lenovo notebooks and desktops A great replacement for a 15" or 17" CRT monitor Integrated power supply eliminates the bulky power adapter for improved cable management Lockable digital controls Integrated cable management in stand for clutter-free desktop
Case color	Business black	
Type-model	9165-AB6	
US Govt model (TAA) ¹⁰	No	
Stand	Tilt stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	15.0" / 381mm (diagonal)	
Pixel pitch (mm)	.297mm	
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)	
Max view area (mm)	304mm x 228mm (horizontal x vertical)	
Viewing angle at 5:1 CR	140° (+80°/- 60°) vertical, 160° (+/- 80°) horizontal	
Viewing angle at 10:1 CR	100° (+/- 50°) vertical, 120° (+/- 60°) horizontal	
Video input	Analog	
Dual input	No	
Rotating screen	No pivot	
Optimum resolution	1024x768 at 60Hz	
Maximum resolution	1024x768 at 75Hz (80MHz maximum pixel rate)	
Vertical frequency	55 to 75Hz	
Horizontal frequency	30 to 63kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz	
Presets / user settings	Standard presets: 12; user settings: 10	
Brightness	250 nits or cd/m ² (typical)	
Contrast ratio	450:1 (typical)	
Pixel response time	16ms (typical)	
Scaling	Can expand image of lower resolution to full screen of 1024x768	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connector	One connector: analog 15-pin D-shell [blue]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	13.31"H x 13.56"W x 6.12"D / 338mm height x 345mm width x 156mm depth	
Weight	7.72 lb / 3.5 kg	
Viewing adjustments	Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)	
VESA DDC ²	2B/CI	
VESA DPMS compliant	DPMS	
Power management	ENERGY STAR [®] 4.0	
Ergonomics	ISO 13406 Part 2 ¹	
Pixel defect	ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental / RoHS	TCO 99 / RoHS (EU Directive 2002/95/EC)	
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")	
Limited warranty ⁴	3-year (includes backlight)	
Available date	March 2006	

<p style="text-align: center;">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↔ 3-year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3-year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo CareSM part number 41K0554) ↔ Post-warranty maintenance services:¹¹ <ul style="list-style-type: none"> • 1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response (Lenovo Care part number 41K0555) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">OPTIONS</p> <table border="0" style="width: 100%;"> <tr> <td>ThinkVision[®] USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington[®] MicroSaver[®] Security Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td style="text-align: right;">40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td style="text-align: right;">19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p> <p>Lenovo Care maintenance services at lenovo.com/warranty</p>	ThinkVision [®] USB Soundbar	40Y7616	Kensington [®] MicroSaver [®] Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
ThinkVision [®] USB Soundbar	40Y7616								
Kensington [®] MicroSaver [®] Security Cable Lock	73P2582								
ThinkPad Convertible Monitor Stand	40Y7620								
ThinkVision TFT Radial Arm ⁹	19K4464								

See footnotes for important warranty information
US model announced February 28, 2006
US model withdrawn effective November 2007

Flat Panel Monitors - US models

Name	Lenovo L171 Flat Panel Monitor	POSITIONING
Case color	Business black	
Type-model	9227-AB6	FEATURES
US Govt model (TAA) ¹⁰	No	
Stand	Tilt stand included	<ul style="list-style-type: none"> • The Lenovo L171 monitor is best suited for general business applications. • All-purpose 17-inch flat panel LCD monitor • Ultra slim bezel (14mm / .55") • Resolution of 1280x1024 provides crisp screen images • Stand tilts for comfortable viewing • Direct access for automatic image setup and brightness • Quick and easy monitor adjustments using on-screen-display • Matching design to Lenovo notebooks and desktops • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	17.0" / 432mm (diagonal)	
Pixel pitch (mm)	.264mm	
Max view area (inches)	13.4" x 10.7" (horizontal x vertical)	
Max view area (mm)	340mm x 272mm (horizontal x vertical)	
Viewing angle at 5:1 CR	155° (+85°/- 70°) vertical, 170° (+/- 85°) horizontal	
Viewing angle at 10:1 CR	130° (+67°/- 63°) vertical, 140° (+/- 70°) horizontal	
Video input	Analog	
Dual input	No	
Optimum resolution	1280x1024 at 60Hz	
Maximum resolution	1280x1024 at 76Hz (140MHz maximum pixel rate)	
Vertical frequency	55 to 76Hz	
Horizontal frequency	31 to 81kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz	
Presets / user settings	Standard presets: 15; user settings: 20	
Brightness	270 nits or cd/m ² (typical)	
Contrast ratio	500:1 (typical)	
Response time	8ms (typical)	
Scaling	Can expand image of lower resolution to full screen of 1280x1024	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connector	One connector: analog 15-pin D-shell [blue]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	15.2"H x 14.6"W x 6.4"D / 387mm height x 371mm width x 162mm depth	
Weight	10.8 lb / 4.9 kg	
Viewing adjustments	Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand	
Mounting features	Wall or desk mounting using the TFT Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)	
VESA DDC ²	2B/C1	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Pixel defect	ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC)	
Ship group	Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	February 2006	

LIMITED WARRANTY	OPTIONS								
<ul style="list-style-type: none"> ↔ 3-year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3-year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo CareSM part number 41K0554) ↔ Post-warranty maintenance services:¹¹ <ul style="list-style-type: none"> • 1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response (Lenovo Care part number 41K0555) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0" style="width: 100%;"> <tr> <td>ThinkVision[®] USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington[®] MicroSaver[®] Security Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td style="text-align: right;">40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td style="text-align: right;">19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p> <p>Lenovo Care maintenance services at lenovo.com/warranty</p>	ThinkVision [®] USB Soundbar	40Y7616	Kensington [®] MicroSaver [®] Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
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ThinkVision TFT Radial Arm ⁹	19K4464								

See footnotes for important warranty information
US model announced February 23, 2006
US model withdrawn effective December 2006

Flat Panel Monitors - US models

<p>Name Lenovo L171 Flat Panel Monitor Case color Business black Type-model 9227-AC1 US Govt model (TAA)¹⁰ No Stand Tilt stand included Screen LCD Active Matrix TFT (Thin Film Transistor) Viewable image size (diag) 17.0" / 430mm (diagonal) Pixel pitch (mm) .264mm Max view area (inches) 13.3" x 10.6" (horizontal x vertical) Max view area (mm) 338mm x 270mm (horizontal x vertical) Viewing angle at 10:1 CR 130° (+67°/- 63°) vertical, 140° (+/- 70°) horizontal Video input Analog Dual input No</p>	<p>POSITIONING</p> <ul style="list-style-type: none"> • The Lenovo L171 monitor is best suited for general business applications. <p>FEATURES</p> <ul style="list-style-type: none"> • All-purpose 17-inch flat panel LCD monitor • Ultra slim bezel (14mm / .55") • Resolution of 1280x1024 provides crisp screen images • Stand tilts for comfortable viewing • Direct access for automatic image setup and brightness • Quick and easy monitor adjustments using on-screen-display • Matching design to Lenovo notebooks and desktops • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls
<p>Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 76Hz (140MHz maximum pixel rate) Vertical frequency 55 to 75Hz Horizontal frequency 30 to 83kHz Display colors (maximum) More than 16 million simultaneous colors Preset display modes VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 70, 75, 76 (Sun) Hz</p>	<p>Presets / user settings Standard presets: 15; user settings: 20 Brightness 300 nits or cd/m² (typical) Contrast ratio 500:1 (typical) Pixel response time 8ms (typical) Scaling Can expand image of lower resolution to full screen of 1280x1024</p>
<p>On screen display On screen display with digital user controls (6 languages) Control features Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings</p>	<p>Monitor connector One connector: analog 15-pin D-shell [blue] Signal cable Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Anti-reflective / anti-glare Anti-reflective / anti-glare Dimensions 15.0"H x 17.2"W x 6.9"D / 380mm height x 438mm width x 175mm depth Weight 10.8 lb / 4.9 kg Viewing adjustments Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand Mounting features Wall or desk mounting using the TFT Radial Arm⁹ or third-party accessories meeting the VESA FPMPI[®] (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington[®] lock-compatible)</p>
<p>VESA DDC² 2B/CI VESA DPMS-compliant DPMS Power management ENERGY STAR^{®3} 4.0 Ergonomics ISO 13406 Part 2¹ Pixel defect ISO 13406-2 Class II pixel defect standard Emission standards MPR-2 / MPR-3A / FCC Class B Environmental label TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC) Ship group Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord</p>	<p>Power supply 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off") Limited warranty⁴ 3 year (includes backlight) Available date November 2006</p>

<p style="text-align: center;">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3-year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3-year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo CareSM part number 41K0554) ↪ Post-warranty maintenance services:¹¹ <ul style="list-style-type: none"> • 1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response (Lenovo Care part number 41K0555) ↪ 24x7⁹ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">OPTIONS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>ThinkVision[®] USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington[®] MicroSaver[®] Security Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td style="text-align: right;">40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td style="text-align: right;">19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p> <p>Lenovo Care maintenance services at lenovo.com/warranty</p>	ThinkVision [®] USB Soundbar	40Y7616	Kensington [®] MicroSaver [®] Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
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ThinkVision TFT Radial Arm ⁹	19K4464								

See footnotes for important warranty information
 US model announced November 7, 2006
 US model withdrawn effective November 2007

Flat Panel Monitors - US model	POSITIONING								
<p>Name Lenovo L191 Flat Panel Monitor Case color Business black Type-model 6135-AB1 US Govt model (TAA)¹⁰ No Stand Tilt stand included Screen LCD Active Matrix TFT (Thin Film Transistor) Viewable image size (diag) 19.0" / 483mm (diagonal) Pixel pitch (mm) .294mm Max view area (inches) 14.8" x 11.8" (horizontal x vertical) Max view area (mm) 376mm x 301mm (horizontal x vertical) Viewing angle at 5:1 CR 155° (+85°/- 70°) vertical, 170° (+/- 85°) horizontal Viewing angle at 10:1 CR 135° (+75°/- 60°) vertical, 150° (+/- 75°) horizontal Video input Analog Dual input No</p>	<p>• The Lenovo L191 monitor is best suited for general business applications.</p>								
<p>Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 75Hz (140MHz maximum pixel rate) Vertical frequency 55 to 76Hz Horizontal frequency 31 to 81kHz Display colors (maximum) More than 16 million simultaneous colors Preset display modes VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz</p>	<p>FEATURES</p> <ul style="list-style-type: none"> • All-purpose 19-inch flat panel LCD monitor • Slim 15mm (0.59") side bezel • Carrying handle • Resolution of 1280x1024 provides crisp screen images • Stand tilts for comfortable viewing • Direct access for automatic image setup and brightness • Quick and easy monitor adjustments using on-screen-display • Matching design to Lenovo notebooks and desktops • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls 								
<p>Presets / user settings Standard presets: 17; user settings: 20 Brightness 300 nits or cd/m² (typical) Contrast ratio 700:1 (typical) Pixel response time 8ms (typical) Scaling Automatically expands image of lower resolution to full screen of 1280x1024</p> <p>On screen display On screen display with digital user controls (6 languages) Control features Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; reset of geometry and color point to factory default settings; lockable settings</p>	<p>Monitor connector One connector: analog 15-pin D-shell [blue] Signal cable Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Anti-reflective / anti-glare Anti-reflective / anti-glare Dimensions 16.4"H x 16.1"W x 7.0"D / 417mm height x 408mm width x 179mm depth Weight 11.5 lb / 5.2 kg Viewing adjustments Tilt: 30° back, -4° forward / no swivel / no lift / detachable stand Mounting features Wall or desk mounting using the TFT Radial Arm⁹ or third-party accessories meeting the VESA FPMPI[®] (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington[®] lock-compatible)</p>								
<p>VESA DDC² 2B/C1 VESA DPMS-compliant DPMS Power management ENERGY STAR[®] 4.0 Ergonomics ISO 13406 Part 2¹ Pixel defect ISO 13406-2 Class II pixel defect standard Emission standards MPR-2 / MPR-3A / FCC Class B Environmental label TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC) Ship group Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord</p> <p>Power supply 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off") Limited warranty⁴ 3 year (includes backlight) Available date July 2006</p>									
<p style="text-align: center;">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3-year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3-year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo CareSM part number 41K0554) ↪ Post-warranty maintenance services:¹¹ <ul style="list-style-type: none"> • 1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response (Lenovo Care part number 41K0555) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p style="text-align: center;">ACCESSORIES</p> <table border="0"> <tr> <td>ThinkVision[®] USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington[®] MicroSaver[®] Security Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td style="text-align: right;">40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td style="text-align: right;">19K4464</td> </tr> </table> <p>Other accessories at lenovo.com/accessories</p> <p>Lenovo Care maintenance services at lenovo.com/warranty</p>	ThinkVision [®] USB Soundbar	40Y7616	Kensington [®] MicroSaver [®] Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
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ThinkVision TFT Radial Arm ⁹	19K4464								

See footnotes for important warranty information
 US model announced June 27, 2006
 US model withdrawn effective December 2007

Flat Panel Monitors - US models

Name	Lenovo L192 Wide Flat Panel Monitor
Case color	Business black
Type-model	6920-AB1
US Govt model (TAA) ¹⁰	No
Stand	Tilt stand included
Screen	LCD Active Matrix TFT (Thin Film Transistor)
Viewable image size (diag)	19.0" / 481mm (diagonal)
Aspect ratio	16:10
Pixel pitch (mm)	0.285mm
Max view area (inches)	16.2" x 10.1" (horizontal x vertical)
Max view area (mm)	410mm x 256mm (horizontal x vertical)
Viewing angle at 5:1 CR	176° vertical, 176° horizontal
Viewing angle at 10:1 CR	160° vertical, 160° horizontal
Video input	Analog
Dual input	No
Optimum resolution	1440x900 at 60Hz
Maximum resolution	1440x900 at 75Hz (137MHz maximum pixel rate)
Vertical frequency	50 to 75Hz
Horizontal frequency	30 to 81kHz
Display colors (maximum)	More than 16 million simultaneous colors
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76Hz WXGA+: 1440x900 60, 75Hz
Presets / user settings	Standard presets: 18; user settings: 17
Brightness	300 nits or cd/m ² (typical)
Contrast ratio	800:1 (typical)
Pixel response time	5ms (typical)
Scaling	Automatically expands image of lower resolution to full screen of 1440x900
On screen display	On screen display with digital user controls (7 languages)
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; reset of geometry and color point to factory default settings; lockable settings
Monitor connector	One connector: analog 15-pin D-shell [blue]
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor
Anti-reflective / anti-glare	Anti-reflective / anti-glare
Dimensions	15.6"H x 18.2"W x 7.6"D / 395mm height x 462mm width x 192mm depth
Weight	11.4 lb / 5.2 kg
Viewing adjustments	Tilt: 20° back, -5° forward / no swivel / no lift / detachable stand
Mounting features	Wall or desk mounting using the TFT Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)
Security	No security keyhole
VESA DDC ²	2B/CI
VESA DPMS-compliant	DPMS
Power management	ENERGY STAR ^{®3} 4.0
Ergonomics	ISO 13406 Part 2 ¹
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2 / MPR-3A / FCC Class B
Environmental label	TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC)
Ship group	Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 35 watts typical (<2 watts for "active off")
Limited warranty ⁴	3 year (includes backlight)
Available date	September 2006

POSITIONING

- The Lenovo L192 Wide monitor is best suited for general business applications.

FEATURES

- All-purpose 19-inch wide flat panel LCD monitor
- View images in a 16x10 wide aspect ratio
- Ultra slim bezel (25mm / .98")
- Resolution of 1440x900 provides crisp screen images
- Stand tilts for comfortable viewing
- Direct access for automatic image setup and brightness
- Quick and easy monitor adjustments using on-screen-display
- Matching design to Lenovo notebooks and desktops
- A great replacement for a 17" or 19" CRT monitor
- Scaling allows full screen viewing of resolutions less than 1440x900
- Integrated power supply eliminates the bulky power adapter for improved cable management
- Lockable digital controls

LIMITED WARRANTY

- ↪ **3-year limited warranty⁴**
- ↪ **International Warranty Service⁵**
- ↪ **Rapid Replacement Service at 1-800-IBM-SERV (426-7378)**
- ↪ **Replacement normally arrives in two business days, excluding holidays**
- ↪ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ↪ **Service upgrade options:⁷**
 - **3-year, on site exchange, Mon-Fri 9-5 with next day response** (Lenovo CareSM part number 41K0554)
 - **Post-warranty maintenance services:¹¹**
 - **1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response** (Lenovo Care part number 41K0555)
- ↪ **24x7⁸ day toll-free support for warranty issues during the warranty period⁴**

OPTIONS

ThinkPad Convertible Monitor Stand	40Y7620
ThinkVision TFT Radial Arm ⁹	19K4464

Other options at
lenovo.com/options

Lenovo Care maintenance services at
lenovo.com/warranty

See footnotes for important warranty information
US model announced September 19, 2006
US model withdrawn effective November 2007

Flat Panel Monitors - US model	POSITIONING								
<p>Name L192p Flat Panel Monitor Case color Business black Type-model 9419-HC2 Stand Tilt, swivel, pivot, and height adjustable stand Screen LCD Active Matrix TFT (Thin Film Transistor) Viewable image size (diag) 19.0" / 482mm (diagonal) Pixel pitch (mm) .29mm Max view area (inches) 14.9" x 11.9" (horizontal x vertical) Max view area (mm) 378mm x 303mm (horizontal x vertical) Viewing angle at 10:1 CR 170° (+/- 85°) vertical, 170° (+/- 85°) horizontal Video input Digital or analog (two separate connectors) Dual input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Sync on green Yes Rotating screen Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)</p>	<p>POSITIONING</p> <ul style="list-style-type: none"> • Performance—Advanced flat panel design features provides space savings and performance. • TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments. <p>DESCRIPTION</p> <ul style="list-style-type: none"> • The L192p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs). <p>FEATURES</p> <ul style="list-style-type: none"> • All-purpose 19-inch flat panel monitor that incorporates ThinkVantage Design • Slim 15mm (0.59") side bezel • Carrying handle • Resolution of 1280x1024 provides crisp screen images • Ergonomic stand tilts, swivels, pivots and provides a 110mm range height adjustment for comfortable viewing • Quick and easy monitor adjustments with on-screen-display • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Includes dual input connection for attachment to two systems concurrently (analog and digital or two analog) • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls • Complements the ThinkCentre® and ThinkPad® systems • Replacement for ThinkVision L191p 								
<p>Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 76Hz (135MHz maximum pixel rate) Vertical frequency 56 to 76Hz Horizontal frequency 30 to 81kHz Display colors (maximum) More than 16 million simultaneous colors Preset display modes VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 75 (Mac), 75Hz 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 21; user settings: 17 Presets / user settings Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 20ms (typical)</p>									
<p>On screen display On screen display with digital user controls (6 languages) Control features Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings Monitor connectors Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white] Signal cables Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor Anti-reflective / anti-glare Anti-reflective / anti-glare Dimensions 15.6"H min lift (20.0" max lift) x 16.1"W x 8.9"D / 396mm min lift (508mm max lift) height x 409mm width x 226mm depth Weight 13.2 lb / 6.0kg Viewing adjustments Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand Mounting features Wall or desk mounting using the Radial Arm® or third-party accessories meeting the VESA FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>									
<p>VESA-compliant² VESA DDC2B/CI and VESA DPMS-compliant Power management ENERGY STAR® 4.0 Ergonomics ISO 13406 Part 2¹ Pixel defect ISO 13406-2 Class II pixel defect standard Emission standards MPR-2 / MPR-3A / FCC Class B Environmental label TCO 03 / RoHS (EU Directive 2002/95/EC) Ship group Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord Power supply 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (2 watts for "active off") Limited warranty⁴ 3 year (includes backlight) Available date December 2006</p>									
<p>LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>ACCESSORIES</p> <table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td>40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other accessories at lenovo.com/accessories</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
ThinkVision® USB Soundbar	40Y7616								
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See footnotes for important warranty information
 US model announced October 31, 2006
 US model withdrawn effective December 2007

Flat Panel Monitors - US model		POSITIONING
Name	L201p Flat Panel Monitor	<ul style="list-style-type: none"> • Performance—Advanced flat panel design features provides space savings and performance. • TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments
Case color	Business black	
Type-model	9220-HB1	<p>DESCRIPTION</p> <ul style="list-style-type: none"> • The L201p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters.
Stand	Tilt, swivel, pivot, and height adjustable stand	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	<p>FEATURES</p> <ul style="list-style-type: none"> • 20.1-inch flat panel monitor is designed for advanced graphics applications and incorporates ThinkVantage Design • Slim 17mm (0.66") side bezel • Carrying handle • Resolution of 1600x1200 provides crisp screen images • Ergonomic stand tilts, swivels, pivots and provides a 110mm range height adjustment for comfortable viewing • Quick and easy monitor adjustments with on-screen-display • A great replacement for a 19" or 21" CRT monitor • Scaling allows full screen viewing of resolutions less than 1600x1200 • Includes dual input connection for attachment to two systems concurrently (analog and digital or two analog) • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls • Complements the ThinkCentre® and ThinkPad® systems
Viewable image size (diag)	20.1" / 511mm (diagonal)	
Pixel pitch (mm)	.255mm	
Max view area (inches)	16.1" x 12.1" (horizontal x vertical)	
Max view area (mm)	410mm x 308mm (horizontal x vertical)	
Viewing angle at 10:1 CR	178° (+/- 89°) vertical, 178° (+/- 89°) horizontal	
Video input	Digital or analog (two separate connectors)	
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Sync on green	Yes	
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	
Optimum resolution	1600x1200 at 60Hz	
Maximum resolution	1600x1200 at 60Hz (165MHz maximum pixel rate)	
Vertical frequency	56 to 85Hz	
Horizontal frequency	<i>Analog:</i> 31 to 94kHz; <i>Digital:</i> 30 to 81kHz	
Display colors (maximum)	16.7 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66, 72, 75, 80Hz 640x350 70Hz; 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75, 85Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 70, 75, 76Hz UXGA: 1600x1200 60Hz	
Presets / user settings	Standard presets: 23; user settings: 10	
Brightness	300 nits or cd/m ² (typical)	
Contrast ratio	700:1 (typical)	
Pixel response time	16ms (typical)	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; display time; information screen; image setup; lockable settings; image size to show normal or expanded format; reset of geometry and color point to factory default settings	
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital attach [white]	
Signal cable	Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	16.2"H min lift (20.5" max lift) x 17.4"W x 9.8"D / 411mm min lift (521mm max lift) height x 442mm width x 249mm depth	
Weight	19 lb / 8.5 kg	
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 3.1" (80mm) / swivel: +/-45° / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (such as Kensington Microsaver lock)	
VESA-compliant ²	VESA DDC2B/CI and VESA DPMS-compliant	
Power management	ENERGY STAR ^{®3} 4.0	
Ergonomics	ISO 13406 Part 2 ¹	
Pixel defect	ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2 / MPR-3A	
Environmental label	TCO 03 / RoHS (EU Directive 2002/95/EC)	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 60 watts typical (3 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	November 2006	

LIMITED WARRANTY	ACCESSORIES								
<ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td>40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other accessories at lenovo.com/accessories</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
ThinkVision® USB Soundbar	40Y7616								
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See footnotes for important warranty information
 US model announced October 31, 2006
 US model withdrawn effective December 2007

ThinkVision CRT Monitors - US model		
Name	C170	C170
Case color	Business black	Business black
Type-model	6737-66N	6737-P6N
Stand	Tilt-swivel stand	
CRT size and type	17" (431.8mm) full flat shadow mask (flat screen) CRT	
Viewable image size	16.0" / 406.4mm	
Dot pitch	0.25mm diagonal / 0.22 horizontal	
Max view area (inches)	12.79 x 9.6"	
Max view area (mm)	325 x 244mm	
Video input	Analog	
Vertical refresh rate range	50 to 160Hz	
Horizontal line rate range	30 to 85kHz	
Clock rate	135Mpels/sec	
Optimum resolution	1024x768 at 85Hz	
Max flicker free resolution	1280x1024	
Maximum resolution	1600x1200	
720x400 text (preset)	70	
640x480 (presets)	60, 85	
800x600 (preset)	75, 85	
1024x768 (preset)	75, 85	
1280x1024 (preset)	75	
1152x864 (preset)	75	
1600x1200	No preset	
Presets/loads/user	Standard presets: 9; factory loads: 0; user settings: 15	
On screen display (OSD) Control features	On screen display with digital user controls (5 languages) Picture position, size, shape, and alignment (including pincushion, pincushion balance, trapezoid, parallelogram) Digital brightness and contrast Color tint control, selectable color points (9300K, 6500K, 5000K), and color reset Picture tilt and moire effects Video input level (0.7V or 1.0V) Manual degauss	
Other features	Information screen displaying resolution, model name, and microcode / borderless operation / menu position	
Video signal cable	1.8m (6 ft) captive with 15-pin D shell (black)	
Anti-reflective treatment	Yes	
Anti-static treatment	Yes	
Dimensions (H x W x D)	16.9" x 16.3" x 16.5"	
Dimensions (H x W x D)	430mm x 414mm x 420mm	
Weight	35.3 lbs (16.0 kg)	
Viewing adjustments	Forward vertical tilt: +10°; backward vertical tilt: -4°; horizontal swivel +45°/-45°	
VESA DDC1/DDC2B ²	DDC2B	
VESA DPMS compliant	DPMS	
ENERGY STAR ³	Yes No	
Emission	MPR-II, FCC-B	
Environmental label	TCO 99	
RoHS	No RoHS (EU Directive 2002/95/EC)	
ISO 9241-3 ¹	Yes	
Ship group	Monitor, attached tilt-swivel stand, Quick Start Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8m (6 ft) power cord (black)	
Power supply	100-240Vac (universal), 70 watts typical, 50-60Hz	
Limited warranty ⁴	3 year	
Available date	June 2003 November 2005	
LIMITED WARRANTY		OPTIONS
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-426-7378 (customer mail-in service) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9217) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9218) ↔ Post warranty maintenance services available ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		ThinkPad Convertible Monitor Stand 40Y7620 Other options at lenovo.com/options

See footnotes for important warranty information
 US models announced May 21, 2003 or November 8, 2005
 US model 6737-66N withdrawn effective April 2006
 US model 6737-P6N withdrawn effective December 2006

ThinkVision CRT Monitors - US model		
Name	C190	C190
Case color	Business black	Business black
Type-model	6739-60N	6739-P0N
Stand	Tilt-swivel stand	
CRT size and type	19" full flat shadow mask (flat screen) CRT	
Viewable image size	18.0" / 457.2mm	
Dot pitch	0.25mm diagonal / 0.22 horizontal	
Max view area (inches)	14.4 x 10.8"	
Max view area (mm)	365.8 x 274.5mm	
Video input	Analog	
Vertical refresh rate range	50 to 160Hz	
Horizontal line rate range	30 to 96kHz	
Clock rate	202Mpels/sec	
Optimum resolution	1280x1024 at 85Hz	
Max flicker free resolution	1600x1200	
Maximum resolution	1600x1200	
720x400 text (preset)	70	
640x480 (presets)	60, 85	
800x600 (presets)	75, 85	
1024x768 (presets)	75, 85	
1280x1024 (presets)	75, 85	
1600x1200 (preset)	75	
Presets/user settings	Standard presets: 15; user settings: 13	
On screen display (OSD) Control features	On screen display with digital user controls (5 languages) Picture position, size, shape, and alignment (including pincushion, pincushion balance, trapezoid, parallelogram) Digital brightness and contrast Color tint control, selectable color points (9300K, 6500K, 5500K), and color reset Picture tilt and moire effects Manual degauss	
Other features	Information screen displaying resolution, model name, and microcode / borderless operation / menu position	
Video signal cable	1.8m (6 ft) captive with 15-pin D shell (black)	
Anti-reflective treatment	Yes	
Anti-static treatment	Yes	
Dimensions (H x W x D)	18.4" x 18.0" x 18.0"	
Dimensions (H x W x D)	468mm x 456mm x 458mm	
Weight	46.8 lbs (21.25 kg)	
Viewing adjustments	Forward vertical tilt: 5°; backward vertical tilt: 15°; horizontal swivel +90°/-90°	
VESA DDC1/DDC2B ²	DDC2B	
VESA DPMS compliant	DPMS	
Power management	ENERGY STAR ³	
Emission	MPR-II, FCC-B	
Environmental label	TCO 99	
RoHS	No RoHS (EU Directive 2002/95/EC)	
ISO 9241-3 ¹	Yes	
Ship group	Monitor, detached tilt-swivel stand, Quick Start Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8m (6 ft) power cord (black)	
Power supply	90-264Vac, 100 watts typical, 50-60Hz	
Limited warranty ⁴	3 year	
Available date	June 2003	September 2005
Withdrawn date	December 2005	October 2006
LIMITED WARRANTY		OPTIONS
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-426-7378 (customer mail-in service) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9223) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9224) ↔ Post warranty maintenance services available ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<p>ThinkPad Convertible Monitor Stand 40Y7620</p> <p>Other options at lenovo.com/options</p>

See footnotes for important warranty information
US models announced May 21, 2003 or September 13, 2005

ThinkVision CRT Monitors - US model		POSITIONING	
Name	C220p	<p>FEATURES</p> <ul style="list-style-type: none"> • Full flat aperture grill CRT monitor delivers bright, clear images with low distortion and low glare • A 22-inch flat-screen CRT with a viewable image size of 508mm (20 inches) incorporating a 0.24mm aperture grill pitch • An optimal flicker-free addressability of 1600x1200 at 85Hz with a maximum addressability of 2048x1536 at 80Hz • Incorporates ThinkVantage Design that enhances usability and complements the system design • Two video inputs for either 15-pin D-shell or DVI-A connection • Matching design to ThinkPad® and ThinkCentre® systems • Quick and easy monitor adjustments using on-screen display controls • Replacement for the P275 Monitor 	
Case color	Business black		
Type-model	6735-60N		
Stand	Tilt-swivel stand		
CRT size and type	22" (559mm) aperture grille CRT (flat screen)		
Viewable image size (max)	20.0" (508mm) diagonal; 12.0" (304mm) height; 16.0" (406mm) width		
Aperture grille pitch	0.24mm		
Max view area (inches)	15.9 x 11.9" (width x height)		
Max view area (mm)	406 x 304mm (width x height)		
Video input	Analog		
Frequency	Multiscanning		
Vertical refresh rate range	50 to 160Hz		
Horizontal line rate range	30 to 130kHz		
Clock rate	360Mpels/sec (360MHz)		
Optimum addressability	1600x1200 at 85Hz		
Maximum addressability	2048x1536 at 80Hz		
720x400 text (preset)	70		
640x480 (presets)	60, 85		
800x600 (presets)	75, 85		
1024x768 (presets)	75, 85		
1280x1024 (presets)	75, 85		
1600x1200 (presets)	75, 85		
1792x1344 (preset)	85		
1920x1440 (presets)	75, 85		
2048x1536 (presets)	75, 80		
Presets/loads/user	Standard presets: 8; factory loads: 8; user settings: 16		
On screen display (OSD) Control features	On screen display with digital user controls (5 languages; English, French, Italian, German, Spanish) Picture position, size, shape, and alignment (including pincushion, pincushion balance, trapezoid, parallelogram, zoom, rotation) Digital brightness and contrast Color tint control, selectable color points (9300K, 6500K, 5500K), and color reset Picture tilt and moire effects Manual degauss Convergence and purity Information screen displaying resolution, refresh rate, product details / borderless operation / menu position		
Other features			
Monitor connectors	Two video input connectors: analog 15-pin D-shell [blue] and DVI-A [white] / selection by OSD or front switch		
Video signal cable	1.8m (6 ft) detachable cable / DVI-A on one end and 15-pin D-shell on other end (either end can go to a compatible connector on a monitor or a system) / black color		
Anti-reflective treatment	1/4-wave anti-reflective film		
Anti-static treatment	Yes		
Dimensions (H x W x D)	20.3" x 20.2" x 19.1"		
Dimensions (H x W x D)	516mm x 513mm x 484mm		
Weight	67.2 lb (30.5 kg)		
Viewing adjustments	Forward vertical tilt: 5°; backward vertical tilt: 15°; horizontal swivel +90°/-90°		
VESA DDC1/DDC2B ²	DDC2B		
VESA DPMS compliant	DPMS		
Power management	ENERGY STAR ³ / meets FEMP guidelines for standby power consumption		
Emission	MPR-II, FCC-B		
Environmental label	TCO 99		
ISO 9241-3 ¹	ISO 9241 Parts 3, 7, and 8 for front-of-screen ergonomics		
Ship group	Monitor, detached tilt-swivel stand, video signal cable, Setup Guide, Safety and Warranty Book, CD with multilingual User's Guide and monitor installation files, separate 1.8m (6 ft) power cord (black)		
Power supply	90-264Vac (universal), 130 watts typical, 47-63Hz		
Limited warranty ⁴	3 year		
Available date	February 2004		
LIMITED WARRANTY		OPTIONS	
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac⁸ part number 30L9179) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 30L9183) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac part number 69P9188) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 69P9189) ↔ Post warranty maintenance services available ↔ 24x7⁹ day toll-free support for warranty issues during the warranty period⁴ 		<ul style="list-style-type: none"> Video signal cable 15-pin D-shell to 15-pin D-shell 61H0227 Video signal cable DVI-A to DVI-A 04N7529 	

See footnotes for important warranty information
US model announced February 3, 2004
US model withdrawn effective June 2005

Flat Panel Monitors - US models

Name	L150 Flat Panel Monitor			<p>POSITIONING</p> <ul style="list-style-type: none"> Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry level prices <p>FEATURES</p> <ul style="list-style-type: none"> All-purpose 15-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Addressability of 1024x768 provides crisp screen images Stand tilts for comfortable viewing Direct access for automatic image setup and brightness Quick and easy monitor adjustments using new designed on-screen-display Matching design to ThinkCentre® and ThinkPad® systems A great replacement for a 15" or 17" CRT monitor Scaling allows full screen viewing of resolutions less than 1024x768 Integrated power supply eliminates the bulky power adapter for improved cable management Lockable digital controls Integrated cable management in stand for clutter-free desktop Replacement for the T541 Monitor
Case color	Business black	Pearl white	Business black	
Type-model	6636-AB1	6636-AW1*	6636-AK1	
US Govt model (TAA) ¹⁰	No	No	Yes ¹⁰	
Stand	Tilt stand included			
Screen	LCD Active Matrix TFT (Thin Film Transistor)			
Viewable image size (diag)	15.0" / 381mm (diagonal)			
Pixel pitch (mm)	.297mm			
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)			
Max view area (mm)	304mm x 228mm (horizontal x vertical)			
Minimum viewing angle	115° (+/- 57.5°) vertical, 150° (+/- 75°) horizontal			
Video input	Analog			
Dual input	No			
Frequency	Multi-frequency			
Max addressability	1024x768			
Video input (maximum)	1024x768 at 75Hz (80MHz maximum pixel rate)			
Corresponding scr refresh	1024x768 at 60Hz			
Vertical frequency	55 to 75Hz			
Horizontal frequency	30 to 63kHz			
Display colors (maximum)	More than 16 million simultaneous colors			
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz			
Presets / user settings	Standard presets: 11; user settings: 10			
Brightness	250 nits or cd/m ² (typical)			
Contrast ratio	400:1 (typical)			
Response time	35ms (typical)			
Scaling	Can expand image of lower addressability to full screen of 1024x768			
On screen display	On screen display with digital user controls (5 languages)			
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings			
Monitor connector	One connector: analog 15-pin D-shell [blue]			
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor			
Anti-reflective / anti-glare	Anti-reflective / anti-glare			
Dimensions	14.6"H x 14.3"W x 8.4"D / 370mm height x 364mm width x 214mm depth			
Weight	10.6 lb / 4.8 kg			
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand			
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] std (100mm)			
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)			
VESA DDC2B ²	Yes			
VESA DPMS-compliant	DPMS			
Power management	ENERGY STAR ³			
Ergonomics	ISO 13406 Part 2 ¹			
Emission standards	MPR-2 / MPR-3A / FCC Class B			
Environmental label	TCO 99			
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord			
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")			
Limited warranty ⁴	3 year (includes backlight)			
Available date	August 2003	October 2003	September 2003	

<p>LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9227) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9228) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>OPTIONS</p> <table border="0"> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p> <p>* Pearl white models available upon special request for Retail Store System customers only; supply may require 13 week leadtime from committed order; order quantities may be subject to a 1100 unit minimum; contact supply planning for details</p>	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	Radial Arm ⁹	19K4464
Kensington® MicroSaver® Security Cable Lock	73P2582						
ThinkPad Convertible Monitor Stand	40Y7620						
Radial Arm ⁹	19K4464						

See footnotes for important warranty information
 US models announced July 22, 2003
 US models withdrawn effective August 2004, December 2004, or January 2006

Flat Panel Monitors - US model

Name	L150 Flat Panel Monitor
Case color	Business black
Type-model	6636-AC1
US Govt model (TAA) ¹⁰	No
Stand	Tilt stand included
Screen	LCD Active Matrix TFT (Thin Film Transistor)
Viewable image size (diag)	15.0" / 381mm (diagonal)
Pixel pitch (mm)	.297mm
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)
Max view area (mm)	304mm x 228mm (horizontal x vertical)
Minimum viewing angle	115° (+/- 57.5°) vertical, 150° (+/- 75°) horizontal
Video input	Analog
Dual input	No

Frequency	Multi-frequency
Max addressability	1024x768
Video input (maximum)	1024x768 at 75Hz (80MHz maximum pixel rate)
Corresponding scr refresh	1024x768 at 60Hz
Vertical frequency	55 to 75Hz
Horizontal frequency	30 to 63kHz
Display colors (maximum)	More than 16 million simultaneous colors
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz

Presets / user settings	Standard presets: 11; user settings: 10
Brightness	250 nits or cd/m ² (typical)
Contrast ratio	450:1 (typical)
Response time	25ms (typical)
Scaling	Can expand image of lower addressability to full screen of 1024x768

On screen display	On screen display with digital user controls (5 languages)
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings
Monitor connector	One connector: analog 15-pin D-shell [blue]
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor
Anti-reflective / anti-glare	Anti-reflective / anti-glare
Dimensions	14.6"H x 14.3"W x 8.4"D / 370mm height x 363mm width x 214mm depth
Weight	10.6 lb / 4.8 kg
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] std (100mm)
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)

VESA DDC2B ²	Yes
VESA DPMS-compliant	DPMS
Power management	ENERGY STAR ^{®3}
Ergonomics	ISO 13406 Part 2 ¹
Emission standards	MPR-2 / MPR-3A / FCC Class B
Environmental label	TCO 99
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")
Limited warranty ⁴	3 year (includes backlight)
Available date	October 2004

POSITIONING

- Essential—Exceptional flat panel design that provides space savings
- TFT essential models offer space savings and quality at entry level prices

FEATURES

- All-purpose 15-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design
- Addressability of 1024x768 provides crisp screen images
- Stand tilts for comfortable viewing
- Direct access for automatic image setup and brightness
- Quick and easy monitor adjustments using on-screen display menus
- Matching design to ThinkCentre[®] and ThinkPad[®] systems
- A great replacement for a 15" or 17" CRT monitor
- Scaling allows full screen viewing of resolutions less than 1024x768
- Integrated power supply eliminates the bulky power adapter for improved cable management
- Lockable digital controls
- Integrated cable management in stand for clutter-free desktop
- *Increased contrast ratio and faster response time from previous L150 models*

LIMITED WARRANTY

- ↔ **3 year limited warranty⁴**
- ↔ **International Warranty Service⁵**
- ↔ **Rapid Replacement Service at 1-800-IBM-SERV (426-7378)**
- ↔ **Replacement normally arrives in two business days, excluding holidays**
- ↔ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ↔ **Service upgrade options:⁷**
 - **3 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus™ part number 41C9209)
 - **3 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9212)
 - **4 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus part number 41C9227)
 - **4 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9228)
- ↔ **24x7⁸ day toll-free support for warranty issues during the warranty period⁴**

OPTIONS

Kensington [®] MicroSaver [®] Security Cable Lock	73P2582
ThinkPad Convertible Monitor Stand	40Y7620
Radial Arm ⁹	19K4464

Other options at lenovo.com/options

See footnotes for important warranty information
US model announced October 19, 2004
US model withdrawn effective January 2006

Flat Panel Monitors - US models	
Name	L150 Flat Panel Monitor
Case color	Business black
Type-model	9418-AB1
US Govt model (TAA) ¹⁰	No
Stand	Tilt stand included
Screen	LCD Active Matrix TFT (Thin Film Transistor)
Viewable image size (diag)	15.0" / 381mm (diagonal)
Pixel pitch (mm)	.297mm
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)
Max view area (mm)	304mm x 228mm (horizontal x vertical)
Minimum viewing angle	100° (+55/- 45°) vertical, 130° (+/- 65°) horizontal
Video input	Analog
Dual input	No
Frequency	Multi-frequency
Max addressability	1024x768
Video input (maximum)	1024x768 at 75Hz (80MHz maximum pixel rate)
Corresponding scr refresh	1024x768 at 60Hz
Vertical frequency	55 to 75Hz
Horizontal frequency	30 to 63kHz
Display colors (maximum)	More than 16 million simultaneous colors
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz
Presets / user settings	presets: 11; user settings: 13
Brightness	250 nits or cd/m ² (typical)
Contrast ratio	400:1 (typical)
Cell response time	35ms (typical)
Scaling	Can expand image of lower addressability to full screen of 1024x768
On screen display	On screen display with digital user controls (5 languages)
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings
Monitor connector	One connector: analog 15-pin D-shell [blue]
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor
Anti-reflective / anti-glare	Anti-reflective / anti-glare
Dimensions	14.6"H x 14.3"W x 8.4"D / 370mm height x 364mm width x 214mm depth
Weight	10.6 lbs / 4.8 kg
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] std (100mm)
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)
VESA DDC2B ²	Yes
VESA DPMS compliant	DPMS
Power management	ENERGY STAR ³
Ergonomics	ISO 13406 Part 2 ¹
Emission standards	MPR-2 / MPR-3A / FCC Class B
Environmental label	TCO 99
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")
Limited warranty ⁴	1 year (includes backlight)
Available date	May 2004
LIMITED WARRANTY	
<ul style="list-style-type: none"> ⇨ 1 year limited warranty⁴ ⇨ International Warranty Service⁵ ⇨ Rapid Replacement Service at 1-800-426-7378 (customer mail-in service) ⇨ Replacement normally arrives in two business days, excluding holidays ⇨ Lenovo pays all shipping costs for valid warranty claims⁶ ⇨ Service upgrade options:⁷ <ul style="list-style-type: none"> • 1 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac[®] part number 29R5148) • 1 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 29R5152) • 2 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac part number 29R5149) • 2 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 29R5153) • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac part number 29R5150) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 29R5154) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ServicePac part number 29R5151) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ServicePac part number 29R5155) ⇨ 24x7[®] day toll-free support for warranty issues during the warranty period⁴ 	
OPTIONS	
Radial Arm ⁹	19K4464
Kensington [®] MicroSaver [®] Security Cable Lock	73P2582
15-inch Flat Panel Monitor Speaker Bezel (slide-on, zero footprint, 2.5 watt speakers with volume control knob)	22P9243
Other options at lenovo.com/options	

See footnotes for important warranty information
US model announced May 11, 2004
US model withdrawn effective July 2005

Flat Panel Monitors - US models		POSITIONING
Name	L150p Flat Panel Monitor	<ul style="list-style-type: none"> Performance—Advanced flat panel design features provides space savings and performance. TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments
Case color	Business black	
Type-model	6636-HB1	<p>DESCRIPTION</p> <ul style="list-style-type: none"> The L150p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs).
US Govt model (TAA) ¹⁰	No	
Stand	Tilt/swivel and height adjustable stand included	<p>FEATURES</p> <ul style="list-style-type: none"> All-purpose 15-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Addressability of 1024x768 provides crisp screen images Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing Direct access for automatic image setup, brightness and input selection Quick and easy monitor adjustments using new designed on-screen-display Matching design to ThinkCentre® and ThinkPad® systems A great replacement for a 15" or 17" CRT monitor Scaling allows full screen viewing of resolutions less than 1024x768 Includes dual input connection for attachment to two systems concurrently (analog and digital) Integrated power supply eliminates the bulky power adapter for improved cable management Integrated cable management in stand for clutter-free desktop Replacement for the T541H Monitor
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	15.0" / 381mm (diagonal)	
Pixel pitch (mm)	.297mm	
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)	
Max view area (mm)	304mm x 228mm (horizontal x vertical)	
Minimum viewing angle	115° (+/- 57.5°) vertical, 150° (+/- 75°) horizontal	
Video input	Digital or analog (two separate connectors)	
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Frequency	Multi-frequency (supports sync on green)	
Max addressability	1024x768	
Video input (maximum)	1024x768 at 75Hz (80MHz maximum pixel rate)	
Corresponding scr refresh	1024x768 at 60Hz	
Vertical frequency	55 to 75Hz	
Horizontal frequency	30 to 63kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz	
Presets / user settings	Standard presets: 11; user settings: 13	
Brightness	250 nits or cd/m ² (typical)	
Contrast ratio	400:1 (typical)	
Response time	35ms (typical)	
Scaling	Can expand image of lower addressability to full screen of 1280x1024	
On screen display	On screen display with digital user controls (5 languages)	
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor / for digital attachment, a video cable with DVI-D on both ends must be supplied by the customer	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	12.4"H min lift (17.3" max lift) x 14.3"W x 9.3"D / 315mm min lift (440mm max lift) height x 364mm width x 237mm depth	
Weight	11.7 lb / 5.3 kg	
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 4.9" (125mm) / swivel: +/-135° / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI® std (100mm)	
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
VESA DDC2B ²	Yes	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99	
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	August 2003 September 2003	

LIMITED WARRANTY	OPTIONS						
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9227) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9228) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0"> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	Radial Arm ⁹	19K4464
Kensington® MicroSaver® Security Cable Lock	73P2582						
ThinkPad Convertible Monitor Stand	40Y7620						
Radial Arm ⁹	19K4464						

See footnotes for important warranty information
US models announced July 22, 2003
US models withdrawn effective August 2004 or January 2006

Flat Panel Monitors - US model

Name	L151 Flat Panel Monitor
Case color	Business black
Type-model	9205-AB2 9205-AB6
US Govt model (TAA) ¹⁰	No
Stand	Tilt stand included
Screen	LCD Active Matrix TFT (Thin Film Transistor)
Viewable image size (diag)	15.0" / 381mm (diagonal)
Pixel pitch (mm)	.297mm
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)
Max view area (mm)	304mm x 228mm (horizontal x vertical)
Viewing angle at 5:1 CR	140° (+80°/- 60°) vertical, 160° (+/- 80°) horizontal
Viewing angle at 10:1 CR	100° (+/- 50°) vertical, 120° (+/- 60°) horizontal
Video input	Analog
Dual input	No
Rotating screen	No pivot
Optimum resolution	1024x768 at 60Hz
Maximum resolution	1024x768 at 75Hz (80MHz maximum pixel rate)
Vertical frequency	55 to 75Hz
Horizontal frequency	30 to 63kHz
Display colors (maximum)	More than 16 million simultaneous colors
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz
Presets / user settings	Standard presets: 12; user settings: 10
Brightness	250 nits or cd/m ² (typical)
Contrast ratio	450:1 (typical)
Response time	16ms (typical)
Scaling	Can expand image of lower resolution to full screen of 1024x768
On screen display	On screen display with digital user controls (6 languages)
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings
Monitor connector	One connector: analog 15-pin D-shell [blue]
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor
Anti-reflective / anti-glare	Anti-reflective / anti-glare
Dimensions	AB2: 13.6"H x 13.3"W x 6.5"D / 344mm height x 338mm width x 165mm depth AB6: 13.6"H x 13.3"W x 6.1"D / 344mm height x 338mm width x 156mm depth
Weight	AB2: 7.9 lb / 3.6 kg AB6: 7.7 lb / 3.5 kg
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)
VESA DDC ²	2B/CI
VESA DPMS compliant	DPMS
Power management	ENERGY STAR ^{®3}
Ergonomics	ISO 13406 Part 2 ¹
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2 / MPR-3A / FCC Class B
Environmental / RoHS	TCO 99 / RoHS (EU Directive 2002/95/EC)
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")
Limited warranty ⁴	3-year (includes backlight)
Available date	October 2005 December 2005

POSITIONING

- Essential—Exceptional flat panel design that provides space savings
- TFT essential models offer space savings and quality at entry level prices

FEATURES

- All-purpose 15-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design
- Ultra narrow bezel (16mm / 0.63")
- Resolution of 1024x768 provides crisp screen images
- Stand tilts for comfortable viewing
- Direct access for automatic image setup and brightness
- Quick and easy monitor adjustments using on-screen display menus
- Matching design to ThinkCentre[®] and ThinkPad[®] systems
- A great replacement for a 15" or 17" CRT monitor
- Integrated power supply eliminates the bulky power adapter for improved cable management
- Lockable digital controls
- Integrated cable management in stand for clutter-free desktop
- Replacement for ThinkVision L150 monitor

LIMITED WARRANTY

- ⇨ **3-year limited warranty⁴**
- ⇨ **International Warranty Service⁵**
- ⇨ **Rapid Replacement Service at 1-800-IBM-SERV (426-7378)**
- ⇨ **Replacement normally arrives in two business days, excluding holidays**
- ⇨ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ⇨ **Service upgrade options:⁷**
 - **3-year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus™ part number 41C9209)
 - **3-year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9212)
 - **4-year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus part number 41C9227)
 - **4-year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9228)
- ⇨ **24x7⁸ day toll-free support for warranty issues during the warranty period⁴**

OPTIONS

ThinkVision [®] USB Soundbar	40Y7616
Kensington [®] MicroSaver [®] Security Cable Lock	73P2582
ThinkPad Convertible Monitor Stand	40Y7620
ThinkVision TFT Radial Arm ⁹	19K4464

Other options at lenovo.com/options

See footnotes for important warranty information
US model 9205-AB2 announced October 4, 2005; US model 9205-AB6 announced December 20, 2005
US model 9205-AB2 withdrawn effective August 1, 2006; 9205-AB6 withdrawn effective December 2006

Flat Panel Monitors - US models		POSITIONING								
Name	L151p Flat Panel Monitor	<ul style="list-style-type: none"> Performance—Advanced flat panel design features provides space savings and performance. TFT performance models offer tilt, swivel, pivot, and height adjustments, plus analog and digital system attachments 								
Case color	Business black									
Type-model	9205-HB2	<p>DESCRIPTION</p> <ul style="list-style-type: none"> The L151p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs). 								
Stand	Tilt, swivel, pivot, height adjustable stand									
Screen	LCD Active Matrix TFT (Thin Film Transistor)	<p>FEATURES</p> <ul style="list-style-type: none"> All-purpose 15-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Ultra narrow bezel (16mm / 0.63") Resolution of 1024x768 provides crisp screen images Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing Direct access for automatic image setup, brightness and input selection Quick and easy monitor adjustments using new designed on-screen-display Matching design to ThinkCentre® and ThinkPad® systems A great replacement for a 15" or 17" CRT monitor Includes dual input connection for attachment to two systems concurrently (analog and digital) Integrated power supply eliminates the bulky power adapter for improved cable management Integrated cable management in stand for clutter-free desktop Replacement for the ThinkVision L150p monitor 								
Viewable image size (diag)	15.0" / 381mm (diagonal)									
Pixel pitch (mm)	.297mm									
Max view area (inches)	12.0" x 9.0" (horizontal x vertical)									
Max view area (mm)	304mm x 228mm (horizontal x vertical)									
Viewing angle at 5:1 CR	170° (+/- 85°) vertical, 170° (+/- 85°) horizontal									
Viewing angle at 10:1 CR	100° (+/- 50°) vertical, 120° (+/- 60°) horizontal									
Video input	Digital or analog (two separate connectors)									
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)									
Sync on green	Yes									
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)									
Optimum resolution	1024x768 at 60Hz									
Maximum resolution	1024x768 at 75Hz (80MHz maximum pixel rate)									
Vertical frequency	55 to 75Hz									
Horizontal frequency	30 to 63kHz									
Display colors (maximum)	More than 16 million simultaneous colors									
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz									
Presets / user settings	Standard presets: 12; user settings: 10									
Brightness	250 nits or cd/m ² (typical)									
Contrast ratio	450:1 (typical)									
Response time	16ms (typical)									
Scaling	Can expand image of lower resolution to full screen of 1280x1024									
On screen display	On screen display with digital user controls (6 languages)									
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings									
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]									
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor / for digital attachment, a video cable with DVI-D on both ends must be supplied by the customer									
Anti-reflective / anti-glare	Anti-reflective / anti-glare									
Dimensions	14.2"H min lift (18.5" max lift) x 13.3"W x 8.4"D / 361mm min lift (471mm max lift) height x 338mm width x 213mm depth									
Weight	8.8 lb / 4.0 kg									
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand									
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)									
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)									
VESA DDC ²	2B/CI									
VESA DPMS compliant	DPMS									
Power management	ENERGY STAR ³									
Ergonomics	ISO 13406 Part 2 ¹									
Pixel defect	ISO 13406-2 Class II pixel defect standard									
Emission standards	MPR-2 / MPR-3A / FCC Class B									
Environmental / RoHS	TCO 99 / RoHS (EU Directive 2002/95/EC)									
Ship group	Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up test pattern, and monitor installation files; analog signal cable; 1.8m black power cord									
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off")									
Limited warranty ⁴	3 year (includes backlight)									
Available date	October 2005									
<p align="center">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9227) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9228) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<p align="center">OPTIONS</p> <table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td>40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
ThinkVision® USB Soundbar	40Y7616									
Kensington® MicroSaver® Security Cable Lock	73P2582									
ThinkPad Convertible Monitor Stand	40Y7620									
ThinkVision TFT Radial Arm ⁹	19K4464									

See footnotes for important warranty information
US model announced October 4, 2005
US model withdrawn effective December 2006

Flat Panel Monitors - US models

Name	L170 Flat Panel Monitor	
Case color	Business black	
Type-model	6734-AC0	
US Govt model (TAA) ¹⁰	No	
Stand	Tilt stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	17.0" / 432mm (diagonal)	
Pixel pitch (mm)	.264mm	
Max view area (inches)	13.3" x 10.6" (horizontal x vertical)	
Max view area (mm)	338mm x 270mm (horizontal x vertical)	
Minimum viewing angle	135° (+75°/- 60°) vertical, 150° (+/- 75°) horizontal	
Video input	Analog	
Dual input	No	
Frequency	Multi-frequency	
Max addressability	1280x1024	
Video input (maximum)	1280x1024 at 75Hz (135MHz maximum pixel rate)	
Corresponding scr refresh	1280x1024 at 60Hz	
Vertical frequency	55 to 76Hz	
Horizontal frequency	31 to 81kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 75, 75 (Mac) Hz 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz	
Presets / user settings	Standard presets: 21; user settings: 15	
Brightness	300 nits or cd/m ² (typical)	
Contrast ratio	500:1 (typical)	
Response time	13ms (typical)	
Scaling	Can expand image of lower addressability to full screen of 1280x1024	
On screen display	On screen display with digital user controls (5 languages)	
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connector	One connector: analog 15-pin D-shell [blue]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	16.2"H x 15.7"W x 8.6"D / 411mm height x 400mm width x 218mm depth	
Weight	13.2 lb / 6.0 kg	
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] std (100mm)	
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)	
VESA DDC2B ²	Yes	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	July 2004	

POSITIONING

- Essential—Exceptional flat panel design that provides space savings
- TFT essential models offer space savings and quality at entry-level prices

FEATURES

- All-purpose 17-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design
- Addressability of 1280x1024 provides crisp screen images
- Stand tilts for comfortable viewing
- Direct access for automatic image setup and brightness
- Quick and easy monitor adjustments using new designed on-screen-display
- Matching design to ThinkPad[®] and ThinkCentre[®] systems
- A great replacement for a 17" or 19" CRT monitor
- Scaling allows full screen viewing of resolutions less than 1280x1024
- Integrated power supply eliminates the bulky power adapter for improved cable management
- Lockable digital controls
- Integrated cable management in stand for clutter-free desktop

LIMITED WARRANTY

- ↔ **3 year limited warranty⁴**
- ↔ **International Warranty Service⁵**
- ↔ **Rapid Replacement Service at 1-800-IBM-SERV (426-7378)**
- ↔ **Replacement normally arrives in two business days, excluding holidays**
- ↔ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ↔ **Service upgrade options:⁷**
 - **3 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus™ part number 41C9209)
 - **3 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9212)
 - **4 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus part number 41C9231)
 - **4 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9232)
- ↔ **24x7⁸ day toll-free support for warranty issues during the warranty period⁴**

OPTIONS

ThinkVision TFT Radial Arm ⁹	19K4464
Kensington MicroSaver Security Cable Lock	73P2582

Other options at lenovo.com/options

See footnotes for important warranty information
US model announced June 29, 2004
US model withdrawn effective October 2005

Flat Panel Monitors - US model		POSITIONING
Name	L170m Flat Panel Monitor	<ul style="list-style-type: none"> Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry-level prices
Case color	Business black	
Type-model	6734-LB1	<p>FEATURES</p> <ul style="list-style-type: none"> All-purpose 17-inch flat panel LCD monitor with integrated speakers incorporates ThinkVantage Design that enhances usability and complements the system design Two built-in two-watt speakers eliminate the need for desktop speakers Integrated speakers have wheel volume control button, power button, power light, and two headphone jacks for private listening Addressability of 1280x1024 provides crisp screen images Stand tilts for comfortable viewing Direct access for automatic image setup and brightness Quick and easy monitor adjustments using new designed on-screen-display Matching design to ThinkPad® and ThinkCentre® systems A great replacement for a 17" or 19" CRT monitor Scaling allows full screen viewing of resolutions less than 1280x1024 Integrated power supply eliminates the bulky power adapter for improved cable management Lockable digital controls Integrated cable management in stand for clutter-free desktop
US Govt model (TAA) ¹⁰	No	
Stand	Tilt stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	17.0" / 432mm (diagonal)	
Pixel pitch (mm)	.264mm	
Max view area (inches)	13.3" x 10.6" (horizontal x vertical)	
Max view area (mm)	338mm x 270mm (horizontal x vertical)	
Minimum viewing angle	130° (+70°/- 60°) vertical, 150° (+/- 75°) horizontal	
Video input	Analog	
Dual input	No	
Frequency	Multi-frequency	
Max addressability	1280x1024	
Video input (maximum)	1280x1024 at 75Hz (135MHz maximum pixel rate)	
Corresponding scr refresh	1280x1024 at 60Hz	
Vertical frequency	55 to 76Hz	
Horizontal frequency	31 to 81kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x400 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 72, 75 (Mac) Hz 1152x864 75Hz SXGA: 1280x1024 60, 75 Hz	
Presets / user settings	Standard presets: 18; user settings: 20	
Brightness	300 nits or cd/m ² (typical)	
Contrast ratio	450:1 (typical)	
Response time	16ms (typical)	
Scaling	Can expand image of lower addressability to full screen of 1280x1024	
Speakers	Two stereo 2-watt per channel speakers (mounted on left and right sides of front)	
Speaker controls	Audio power on button (lock type) and green LED on indicator (on right side)	
Speaker volume control	Wheel volume control (on right side)	
Speaker headphone jacks	Two stereo 3.5 mm headphone jacks (left and right side) / disables speakers when either jack used	
On screen display	On screen display with digital user controls (5 languages)	
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connector	One connector: analog 15-pin D-shell [blue]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	16.2"H x 16.1"W x 8.7"D / 412mm height x 409mm width x 222mm depth	
Weight	14.5 lb / 6.6 kg	
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI ⁸ std (100mm)	
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
VESA DDC2B ²	Yes	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord, attached 1.8m black audio cable with 3.5 mm stereo plug	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 45 watts typical (<2 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	August 2004	
LIMITED WARRANTY		OPTIONS
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9231) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9232) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<ul style="list-style-type: none"> Kensington® MicroSaver® Security Cable Lock 73P2582 ThinkPad Convertible Monitor Stand 40Y7620 ThinkVision TFT Radial Arm⁹ 19K4464 Other options at lenovo.com/options

See footnotes for important warranty information
US model announced July 13, 2004
US model withdrawn effective May 2006

Flat Panel Monitors - US models		POSITIONING
Name	L170p Flat Panel Monitor	<ul style="list-style-type: none"> Performance—Advanced flat panel design features provides space savings and performance. TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments.
Case color	Business black	
Type-model	6734-HB0	<p>DESCRIPTION</p> <ul style="list-style-type: none"> The L170p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs). <p>FEATURES</p> <ul style="list-style-type: none"> General purpose 17-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Addressability of 1280x1024 provides crisp screen images Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing Direct access for automatic image setup, brightness and input selection Quick and easy monitor adjustments using new designed on-screen-display Matching design to ThinkPad® and ThinkCentre® systems A great replacement for a 17" or 19" CRT monitor Scaling allows full screen viewing of resolutions less than 1280x1024 Includes dual input connection for attachment to two systems concurrently (analog and digital) Integrated power supply eliminates the bulky power adapter for improved cable management Integrated cable management in stand for clutter-free desktop Replacement for the T750 Monitor
US Govt model (TAA) ¹⁰	No	
Stand	Tilt/swivel and height adjustable stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	17.0" / 432mm (diagonal)	
Pixel pitch (mm)	.264mm	
Max view area (inches)	13.3" x 10.6" (horizontal x vertical)	
Max view area (mm)	338mm x 270mm (horizontal x vertical)	
Minimum viewing angle	170° (+/- 85°) vertical, 170° (+/- 85°) horizontal	
Video input	Digital or analog (two separate connectors)	
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Frequency	Multi-frequency (supports sync on green)	
Max addressability	1280x1024	
Video input (maximum)	1280x1024 at 75Hz (135MHz maximum pixel rate)	
Corresponding scr refresh	1280x1024 at 60Hz	
Vertical frequency	55 to 76Hz	
Horizontal frequency	31 to 81kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz	
Presets / user settings	Standard presets: 20; user settings: 15	
Brightness	250 nits or cd/m ² (typical)	
Contrast ratio	500:1 (typical)	
Cell response time	25ms (typical)	
Scaling	Can expand image of lower addressability to full screen of 1280x1024	
On screen display	On screen display with digital user controls (5 languages)	
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor / for digital attachment, a video cable with DVI-D on both ends must be supplied by the customer	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	14.1" H min lift (18.0" max lift) x 15.7"W x 9.3"D / 357mm min lift (457mm max lift) height x 400mm width x 237mm depth	
Weight	12.6 lbs / 5.7 kg	
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 3.9" (100mm) / swivel: +/-135° / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] std (100mm)	
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)	
VESA DDC2B ²	Yes	
VESA DPMS compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (3 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	May 2003 September 2003	
<p align="center">LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9231) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9232) ↔ 24x7⁹ day toll-free support for warranty issues during the warranty period⁴ 		<p align="center">OPTIONS</p> <p>ThinkVision TFT Radial Arm⁹ 19K4464</p> <p>Kensington[®] MicroSaver[®] Security Cable Lock 73P2582</p> <p>Other options at lenovo.com/options</p>

See footnotes for important warranty information
US models announced April 22 or August 12, 2003
US models withdrawn effective August 2004 (6734-HK0) or September 2005 (6734-HB0)

Flat Panel Monitors - US models										
Name	L171 Flat Panel Monitor	<p style="text-align: center;">POSITIONING</p> <ul style="list-style-type: none"> • Essential—Exceptional flat panel design that provides space savings • TFT essential models offer space savings and quality at entry-level prices <p style="text-align: center;">FEATURES</p> <ul style="list-style-type: none"> • All-purpose 17-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design • Ultra slim bezel (14mm / .55") • Resolution of 1280x1024 provides crisp screen images • Stand tilts for comfortable viewing • Direct access for automatic image setup and brightness • Quick and easy monitor adjustments using on-screen-display • Matching design to ThinkPad® and ThinkCentre® systems • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls • Replacement for ThinkVision L170 monitor 								
Case color	Business black									
Type-model	9417-AB1 9417-AC1									
US Govt model (TAA) ¹⁰	No									
Stand	Tilt stand included									
Screen	LCD Active Matrix TFT (Thin Film Transistor)									
Viewable image size (diag)	17.0" / 432mm (diagonal)									
Pixel pitch (mm)	.264mm									
Max view area (inches)	13.4" x 10.7" (horizontal x vertical)									
Max view area (mm)	340mm x 272mm (horizontal x vertical)									
Viewing angle at 5:1 CR	AC1: 160° (+/- 80°) vertical, 160° (+/- 80°) horizontal									
Viewing angle at 10:1 CR	AB1: 135° (+75°/- 60°) vertical, 140° (+/- 70°) horizontal AC1: 130° (+63°/- 67°) vertical, 140° (+/- 70°) horizontal									
Video input	Analog									
Dual input	No									
Optimum resolution	1280x1024 at 60Hz									
Maximum resolution	1280x1024 at 76Hz (140MHz maximum pixel rate)									
Vertical frequency	55 to 76Hz									
Horizontal frequency	31 to 81kHz									
Display colors (maximum)	More than 16 million simultaneous colors									
Preset display modes	VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz									
Presets / user settings	Standard presets: 15; user settings: 20									
Brightness	270 nits or cd/m ² (typical)									
Contrast ratio	500:1 (typical)									
Response time	8ms (typical)									
Scaling	Can expand image of lower resolution to full screen of 1280x1024									
On screen display	On screen display with digital user controls (6 languages)									
Control features	Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings									
Monitor connector	One connector: analog 15-pin D-shell [blue]									
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor									
Anti-reflective / anti-glare	Anti-reflective / anti-glare									
Dimensions	AB1: 15.0"H x 14.4"W x 6.4"D / 382mm height x 367mm width x 162mm depth AC1: 15.2"H x 14.6"W x 6.4"D / 386mm height x 371mm width x 162mm depth									
Weight	AB1: 10.1 lb / 4.6 kg; AC1: 11.2 lb / 5.1 kg									
Viewing adjustments	Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand									
Mounting features	Wall or desk mounting using the TFT Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)									
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)									
VESA DDC ²	2B/CI									
VESA DPMS-compliant	DPMS									
Power management	ENERGY STAR ³									
Ergonomics	ISO 13406 Part 2 ¹									
Pixel defect	ISO 13406-2 Class II pixel defect standard									
Emission standards	MPR-2 / MPR-3A / FCC Class B									
Environmental label	TCO 99 / RoHS (EU Directive 2002/95/EC)									
Ship group	Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord									
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off")									
Limited warranty ⁴	3 year (includes backlight)									
Available date	July 2005 June 2006									
LIMITED WARRANTY		OPTIONS								
<ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9231) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9232) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td style="text-align: right;">40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td style="text-align: right;">19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
ThinkVision® USB Soundbar	40Y7616									
Kensington® MicroSaver® Security Cable Lock	73P2582									
ThinkPad Convertible Monitor Stand	40Y7620									
ThinkVision TFT Radial Arm ⁹	19K4464									

See footnotes for important warranty information
 US model 9417-AB1 announced July 19, 2005; US model 9417-AC1 announced June 20, 2006
 US model 9417-AB1 withdrawn effective August 2006; 9417-AC1 withdrawn effective December 2006

Flat Panel Monitors - US models		POSITIONING
Name	L171p Flat Panel Monitor	<ul style="list-style-type: none"> Performance—Advanced flat panel design features provides space savings and performance. TFT performance models offer tilt, swivel, pivot, and height adjustments, plus analog and digital system attachments.
Case color	Business black	
Type-model	9417-HB7 9417-HB2	<p>DESCRIPTION</p> <ul style="list-style-type: none"> The L171p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs).
Stand	Tilt, swivel, pivot, height adjustable stand	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	<p>FEATURES</p> <ul style="list-style-type: none"> General purpose 17-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Ultra narrow bezel [<i>HB7</i>: 14mm (.55"); <i>HB2</i>: 16mm (.63")] Resolution of 1280x1024 provides crisp screen images Ergonomic stand tilts, swivels, pivots and provides a 110mm range height adjustment for comfortable viewing Direct access for automatic image setup, brightness and input selection Quick and easy monitor adjustments on-screen-display A great replacement for a 17" or 19" CRT monitor Includes dual input connection for attachment to two systems concurrently (analog and digital) Integrated power supply eliminates the bulky power adapter for improved cable management Matching design to ThinkPad® and ThinkCentre® systems Replacement for ThinkVision L170p
Viewable image size (diag)	17.0" / 432mm (diagonal)	
Pixel pitch (mm)	.264mm	
Max view area (inches)	13.4" x 10.7" (horizontal x vertical)	
Max view area (mm)	340mm x 272mm (horizontal x vertical)	
Viewing angle at 5:1 CR	<i>HB7</i> : 155° (+85°/- 70°) vertical, 170° (+/- 85°) horiz <i>HB2</i> : 160° (+/- 80°) vertical, 160° (+/- 80°) horiz	
Viewing angle at 10:1 CR	<i>HB7</i> : 135° (+75°/- 60°) vertical, 150° (+/- 75°) horiz <i>HB2</i> : 130° (+70°/- 60°) vertical, 140° (+/- 70°) horiz	
Video input	Digital or analog (two separate connectors)	
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Sync on green	Yes	
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	
Optimum resolution	1280x1024 at 60Hz	
Maximum resolution	1280x1024 at 76Hz (135MHz maximum pixel rate)	
Vertical frequency	55 to 76Hz	
Horizontal frequency	31 to 81kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz SXGA: 1280x1024 60, 70, 72, 75, 76 Hz	
Presets / user settings	Standard presets: 17; user settings: 20	
Brightness	300 nits or cd/m ² (typical)	
Contrast ratio	700:1 (typical) 500:1 (typical)	
Response time	8ms (typical)	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor / for digital attachment, a video cable with DVI-D on both ends must be supplied by the customer	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	15.1"H min lift (19.4" max lift) x 14.6"W x 8.3"D / 383mm min lift (493mm max lift) height x 371mm width x 212mm depth	
Weight	11.9 lb / 5.4 kg	
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI ⁸ (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
VESA-compliant ²	VESA DDC2B/C ¹ and VESA DPMS-compliant	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Pixel defect	ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99 / RoHS (EU Directive 2002/95/EC)	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (3 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	July 2005 February 2006	

LIMITED WARRANTY	OPTIONS								
<ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9231) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9232) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td>40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
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See footnotes for important warranty information
 US model 9417-HB7 announced July 19, 2005; US model 9417-HB2 announced January 31, 2006
 US model 9417-HB7 withdrawn effective May 2006; 9417-HB2 withdrawn effective December 2006

Flat Panel Monitors - US model		POSITIONING
Name	L190 Flat Panel Monitor	<ul style="list-style-type: none"> Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry level prices
Case color	Business black	
Type-model	9329-AB9 9329-AP9	<p style="text-align: center;">FEATURES</p> <ul style="list-style-type: none"> All-purpose 19-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design Ultra narrow bezel (15mm / 0.59") Carrying handle Resolution of 1280x1024 provides crisp screen images Stand tilts for comfortable viewing Quick and easy monitor adjustments using new designed on-screen-display A great replacement for a 17" or 19" CRT monitor Scaling allows full screen viewing of resolutions less than 1280x1024 Integrated power supply eliminates the bulky power adapter for improved cable management Integrated cable management in stand for clutter-free desktop Complements the ThinkCentre® and ThinkPad® systems
US Govt model (TAA) ¹⁰	No	
Stand	Tilt stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	19.0" / 483mm (diagonal)	
Pixel pitch (mm)	.294mm	
Max view area (inches)	14.9" x 11.9" (horizontal x vertical)	
Max view area (mm)	379mm x 304mm (horizontal x vertical)	
Viewing angle at 10:1 cr	140° (+/- 70°) vertical, 140° (+/- 70°) horizontal	
Video input	Analog	
Dual input	No	
Sync on green	Yes	
Optimum resolution	1280x1024 at 60Hz	
Maximum resolution	1280x1024 at 76Hz (135MHz maximum pixel rate)	
Vertical frequency	55 to 76Hz	
Horizontal frequency	30 to 83kHz	
Display colors (maximum)	More than 16 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 70, 72, 75, 76 (Sun) Hz	
Presets / user settings	Standard presets: 20; user settings: 10	
Brightness	250 nits or cd/m ² (typical)	
Contrast ratio	500:1 (typical)	
Responsetime	12ms (typical)	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment and brightness / on screen display for contrast, image horizontal and vertical position, user color settings (3 preset + 1 user), language selection, menu position, information screen, image setup, image size to show normal or expanded format, reset of geometry and color point to factory default settings, and lockable settings	
Monitor connector	One connector: analog 15-pin D-shell [blue]	
Signal cable	Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	16.2"H x 16.1"W x 8.7"D / 413mm height x 408mm width x 222mm depth	
Weight	13.4 lb / 6.1kg	
Viewing adjustments	Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)	
VESA DDC2B ²	Yes	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Pixel defect	Does not meet ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2 / MPR-3A / FCC Class B	
Environmental label	TCO 99 TCO 99 / RoHS (EU Directive 2002/95/EC)	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (2 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	February 2005 January 2006	

LIMITED WARRANTY	OPTIONS						
<ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<table border="0"> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	Radial Arm ⁹	19K4464
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Radial Arm ⁹	19K4464						

See footnotes for important warranty information

US model 9329-AB9 announced February 8, 2005; US model 9329-AP9 announced January 10, 2006

US model 9329-AB9 withdrawn effective May 2006; US model 9329-AP9 withdrawn effective August 2006

Flat Panel Monitors - US models		POSITIONING						
Name	L191p Flat Panel Monitor	<ul style="list-style-type: none"> • Performance—Advanced flat panel design features provides space savings and performance. • TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments. 						
Case color	Business black							
Type-model	9419-HB7	<p>DESCRIPTION</p> <ul style="list-style-type: none"> • The L191p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs). 						
Stand	Tilt/swivel and height adjustable stand included							
Screen	LCD Active Matrix TFT (Thin Film Transistor)	<p>FEATURES</p> <ul style="list-style-type: none"> • All-purpose 19-inch flat panel LCD monitor incorporates ThinkVantage Design that enhances usability and complements the system design • Ultra narrow bezel (15mm / 0.59") • Carrying handle • Resolution of 1280x1024 provides crisp screen images • Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing • Quick and easy monitor adjustments using new designed on-screen-display • Matching design to ThinkPad® and ThinkCentre® systems • Scaling allows full screen viewing of resolutions less than 1280x1024 • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Integrated power supply eliminates the bulky power adapter for improved cable management • Integrated cable management in stand for clutter-free desktop • Replacement for ThinkVision L190p 						
Viewable image size (diag)	19.0" / 483mm (diagonal)							
Pixel pitch (mm)	.294mm							
Max view area (inches)	14.8" x 11.8" (horizontal x vertical)							
Max view area (mm)	376mm x 301mm (horizontal x vertical)							
Viewing angle at 10:1 CR	178° (+/- 89°) vertical, 178° (+/- 89°) horizontal							
Video input	Digital or analog (two separate connectors)							
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)							
Sync on green	Yes							
Optimum resolution	1280x1024 at 60Hz							
Maximum resolution	1280x1024 at 76Hz (135MHz maximum pixel rate)							
Vertical frequency	55 to 76Hz							
Horizontal frequency	31 to 81kHz							
Display colors (maximum)	More than 16 million simultaneous colors							
Preset display modes	VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 75 (Mac), 75Hz 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz							
Presets / user settings	Standard presets: 21; user settings: 15							
Brightness	250 nits or cd/m ² (typical)							
Contrast ratio	1000:1 (typical)							
Response time	20ms (typical)							
On screen display	On screen display with digital user controls (5 languages)							
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings							
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]							
Signal cables	Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor							
Anti-reflective / anti-glare	Anti-reflective / anti-glare							
Dimensions	14.3"H min lift (18.0" max lift) x 16.1"W x 9.3"D / 362mm min lift (457mm max lift) height x 408mm width x 237mm depth							
Weight	15.7 lb / 7.1kg							
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 3.7" (95mm) / swivel: +/-135° / detachable stand							
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)							
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)							
VESA DDC2B ²	Yes							
VESA DPMS-compliant	DPMS							
Power management	ENERGY STAR ³							
Ergonomics	ISO 13406 Part 2 ¹							
Pixel defect	ISO 13406-2 Class II pixel defect standard							
Emission standards	MPR-2 / MPR-3A / FCC Class B							
Environmental label	TCO 99							
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord							
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (2 watts for "active off")							
Limited warranty ⁴	3 year (includes backlight)							
Available date	November 2004							
<p>LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↔ 3 year limited warranty⁴ ↔ International Warranty Service⁵ ↔ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↔ Replacement normally arrives in two business days, excluding holidays ↔ Lenovo pays all shipping costs for valid warranty claims⁶ ↔ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234) ↔ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<p>OPTIONS</p> <table border="0"> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	Radial Arm ⁹	19K4464
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See footnotes for important warranty information
US model announced October 12, 2004
US model withdrawn effective June 2006

Flat Panel Monitors - US models		POSITIONING								
Name	L192p Flat Panel Monitor	<ul style="list-style-type: none"> • Performance—Advanced flat panel design features provides space savings and performance. • TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments. 								
Case color	Business black									
Type-model	9419-HB2	<p>DESCRIPTION</p> <ul style="list-style-type: none"> • The L192p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters; this can be from one analog input and one digital input (it can not accept two analog inputs). 								
Stand	Tilt, swivel, pivot, and height adjustable stand									
Screen	LCD Active Matrix TFT (Thin Film Transistor)	<p>FEATURES</p> <ul style="list-style-type: none"> • All-purpose 19-inch flat panel monitor that incorporates ThinkVantage Design • Ultra narrow bezel (15mm / 0.59") • Carrying handle • Resolution of 1280x1024 provides crisp screen images • Ergonomic stand tilts, swivels, pivots and provides a 110mm range height adjustment for comfortable viewing • Quick and easy monitor adjustments with on-screen-display • A great replacement for a 17" or 19" CRT monitor • Scaling allows full screen viewing of resolutions less than 1280x1024 • Includes dual input connection for attachment to two systems concurrently (analog and digital or two analog) • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls • Complements the ThinkCentre® and ThinkPad® systems • Replacement for ThinkVision L191p 								
Viewable image size (diag)	19.0" / 483mm (diagonal)									
Pixel pitch (mm)	.29mm									
Max view area (inches)	14.9" x 11.9" (horizontal x vertical)									
Max view area (mm)	378mm x 303mm (horizontal x vertical)									
Viewing angle at 5:1 CR	170° (+/- 85°) vertical, 170° (+/- 85°) horizontal									
Viewing angle at 10:1 CR	170° (+/- 85°) vertical, 170° (+/- 85°) horizontal									
Video input	Digital or analog (two separate connectors)									
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)									
Sync on green	Yes									
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)									
Optimum resolution	1280x1024 at 60Hz									
Maximum resolution	1280x1024 at 76Hz (135MHz maximum pixel rate)									
Vertical frequency	56 to 76Hz									
Horizontal frequency	30 to 81kHz									
Display colors (maximum)	More than 16 million simultaneous colors									
Preset display modes	VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac) XGA: 1024x768 60, 70, 75 (Mac), 75Hz 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz									
Presets / user settings	Standard presets: 21; user settings: 17									
Brightness	250 nits or cd/m ² (typical)									
Contrast ratio	1000:1 (typical)									
Response time	20ms (typical)									
On screen display	On screen display with digital user controls (6 languages)									
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings									
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white]									
Signal cables	Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor									
Anti-reflective / anti-glare	Anti-reflective / anti-glare									
Dimensions	15.6"H min lift (20.0" max lift) x 16.1"W x 8.9"D / 397mm min lift (507mm max lift) height x 408mm width x 225mm depth									
Weight	13.2 lb / 6.0kg									
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand									
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)									
Security	Security keyhole for attachment of optional cable lock (Kensington [®] lock-compatible)									
VESA-compliant ²	VESA DDC2B/CI and VESA DPMS-compliant									
Power management	ENERGY STAR ³									
Ergonomics	ISO 13406 Part 2 ¹									
Pixel defect	ISO 13406-2 Class II pixel defect standard									
Emission standards	MPR-2 / MPR-3A / FCC Class B									
Environmental label	TCO 03 / RoHS (EU Directive 2002/95/EC)									
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord									
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (2 watts for "active off")									
Limited warranty ⁴	3 year (includes backlight)									
Available date	March 2006									
<p>LIMITED WARRANTY</p> <ul style="list-style-type: none"> ↪ 3 year limited warranty⁴ ↪ International Warranty Service⁵ ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ↪ Replacement normally arrives in two business days, excluding holidays ↪ Lenovo pays all shipping costs for valid warranty claims⁶ ↪ Service upgrade options:⁷ <ul style="list-style-type: none"> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234) ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 		<p>OPTIONS</p> <table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td>40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Security Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>ThinkPad Convertible Monitor Stand</td> <td>40Y7620</td> </tr> <tr> <td>ThinkVision TFT Radial Arm⁹</td> <td>19K4464</td> </tr> </table> <p>Other options at lenovo.com/options</p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Security Cable Lock	73P2582	ThinkPad Convertible Monitor Stand	40Y7620	ThinkVision TFT Radial Arm ⁹	19K4464
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ThinkVision TFT Radial Arm ⁹	19K4464									

See footnotes for important warranty information
US model announced February 28, 2006; US model withdrawn effective December 2006

Flat Panel Monitors - US model

Name	L200p Flat Panel Monitor	<p>POSITIONING</p> <ul style="list-style-type: none"> • Performance—Advanced flat panel design features provides space savings and performance. • TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments <p>DESCRIPTION</p> <ul style="list-style-type: none"> • The L200p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital or analog (Digital Visual Interface [DVI-I]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters. <p>FEATURES</p> <ul style="list-style-type: none"> • 20.1-inch flat panel monitor is designed for advanced graphics applications • Addressability of 1600x1200 provides crisp screen images • Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing • Quick and easy monitor adjustments using new designed on-screen-display • A great replacement for a 19" or 21" CRT monitor • Scaling allows full screen viewing of resolutions less than 1600x1200 • Includes dual input connection for attachment to two systems concurrently (analog and digital or two analog) • Hybrid connection provides analog or digital system attachment for flexibility and investment protection • Auto-setup button provides quick and easy screen adjustment for optimal viewing • Integrated power supply eliminates the bulky power adapter for improved cable management • Lockable digital controls • Complements the ThinkCentre™ and ThinkPad® systems
Case color	Business black	
Type-model	6736-HC9	
Stand	Tilt/swivel and height adjustable stand included	
Screen	LCD Active Matrix TFT (Thin Film Transistor)	
Viewable image size (diag)	20.1" / 511mm (diagonal)	
Pixel pitch (mm)	.255mm	
Max view area (inches)	16.0" x 12.0" (horizontal x vertical)	
Max view area (mm)	408mm x 306mm (horizontal x vertical)	
Minimum viewing angle	176° (+/- 88°) vertical, 176° (+/- 88°) horizontal	
Video input	Digital or analog (two separate connectors)	
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Frequency	Multi-frequency (supports sync on green)	
Max addressability	1600x1200	
Video input (analog max)	1600x1200 at 60Hz (162MHz maximum pixel rate)	
Video input (digital max)	1600x1200 at 60Hz (130MHz maximum pixel rate)	
Corresponding scr refresh	1600x1200 at 60Hz	
Vertical frequency	56 to 85Hz	
Horizontal frequency	<i>Analog:</i> 31 to 94kHz; <i>Digital:</i> 31 to 75kHz	
Display colors (maximum)	16.7 million simultaneous colors	
Preset display modes	VGA: 640x480 60, 66, 75, 85Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75, 85Hz 832x624 75Hz XGA: 1024x768 60, 70, 75, 85Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 75Hz UXGA: 1600x1200 60Hz	
Presets / user settings	Standard presets: 21; user settings: 10	
Brightness	250 nits or cd/m ² (typical)	
Contrast ratio	400:1 (typical)	
Response time	25ms (typical)	
Scaling	Can expand image of lower addressability to full screen of 1600x1200	
On screen display	On screen display with digital user controls (6 languages)	
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; display time; information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings	
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-I) for analog or digital attach [white]	
Signal cable	Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor	
Anti-reflective / anti-glare	Anti-reflective / anti-glare	
Dimensions	15.4"H min lift (18.5" max lift) x 18.4"W x 9.9"D / 390mm min lift (470mm max lift) height x 468mm width x 252mm depth	
Weight	20.9 lb / 9.5 kg	
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 3.1" (80mm) / swivel: +/-45° / detachable stand	
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI standard	
Security	Security keyhole for attachment of optional cable lock (such as Kensington Microsaver lock)	
VESA DDC2B ²	Yes	
VESA DPMS-compliant	DPMS	
Power management	ENERGY STAR ³	
Ergonomics	ISO 13406 Part 2 ¹	
Emission standards	MPR-2 / MPR-3A	
Environmental label	TCO 99	
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord	
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 65 watts typical (3 watts for "active off")	
Limited warranty ⁴	3 year (includes backlight)	
Available date	August 2004	

LIMITED WARRANTY

- ↪ 3 year limited warranty⁴
- ↪ International Warranty Service⁵
- ↪ Rapid Replacement Service at 1-800-IBM-SERV (426-7378)
- ↪ Replacement normally arrives in two business days, excluding holidays
- ↪ Lenovo pays all shipping costs for valid warranty claims⁶
- ↪ Service upgrade options:⁷
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)
 - 3 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9212)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus part number 41C9233)
 - 4 year, on site exchange, 7 day x 24 hr with 4 hour response (ThinkPlus part number 41C9234)
- ↪ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴

OPTIONS

Kensington® MicroSaver® Desktop Lock	06P3839
ThinkPad Convertible Monitor Stand	40Y7620
Radial Arm ⁹	19K4464

Other options at lenovo.com/options

See footnotes for important warranty information
US model announced July 13, 2004
US model withdrawn effective May 2006

Flat Panel Monitors - US model

Name	L201p Flat Panel Monitor
Case color	Business black
Type-model	9320-HB1
Stand	Tilt, swivel, pivot, and height adjustable stand
Screen	LCD Active Matrix TFT (Thin Film Transistor)
Viewable image size (diag)	20.1" / 511mm (diagonal)
Pixel pitch (mm)	.255mm
Max view area (inches)	16.1" x 12.1" (horizontal x vertical)
Max view area (mm)	410mm x 308mm (horizontal x vertical)
Viewing angle at 5:1 CR	178° (+/- 89°) vertical, 178° (+/- 89°) horizontal
Viewing angle at 10:1 CR	178° (+/- 89°) vertical, 178° (+/- 89°) horizontal
Video input	Digital or analog (two separate connectors)
Dual input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Sync on green	Yes
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)
Optimum resolution	1600x1200 at 60Hz
Maximum resolution	1600x1200 at 60Hz (165MHz maximum pixel rate)
Vertical frequency	56 to 85Hz
Horizontal frequency	<i>Analog:</i> 31 to 94kHz; <i>Digital:</i> 30 to 81kHz
Display colors (maximum)	16.7 million simultaneous colors
Preset display modes	VGA: 640x480 60, 66, 72, 75, 80Hz 640x350 70Hz; 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75, 85Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 70, 75, 76Hz UXGA: 1600x1200 60Hz
Presets / user settings	Standard presets: 23; user settings: 10
Brightness	300 nits or cd/m ² (typical)
Contrast ratio	700:1 (typical)
Response time	16ms (typical)
On screen display	On screen display with digital user controls (6 languages)
Control features	Direct access (buttons on front) for auto adjustment, brightness, and input select; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); on screen display (OSD) language selection; menu position; display time; information screen; image setup; lockable settings; image size to show normal or expanded format; reset of geometry and color point to factory default settings
Monitor connectors	Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital attach [white]
Signal cable	Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor
Anti-reflective / anti-glare	Anti-reflective / anti-glare
Dimensions	16.2"H min lift (20.5" max lift) x 17.4"W x 9.8"D / 411mm min lift (521mm max lift) height x 443mm width x 248mm depth
Weight	19 lb / 8.5 kg
Viewing adjustments	Tilt: 30° back, 0° forward / lift: 3.1" (80mm) / swivel: +/-45° / detachable stand
Mounting features	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPI [®] (100mm mount)
Security	Security keyhole for attachment of optional cable lock (such as Kensington Microsaver lock)
VESA-compliant ²	VESA DDC2B/CI and VESA DPMS-compliant
Power management	ENERGY STAR ³
Ergonomics	ISO 13406 Part 2 ¹
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2 / MPR-3A
Environmental label	TCO 03 / RoHS (EU Directive 2002/95/EC)
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 60 watts typical (3 watts for "active off")
Limited warranty ⁴	3 year (includes backlight)
Available date	December 2005

POSITIONING

- Performance—Advanced flat panel design features provides space savings and performance.
- TFT performance models offer tilt, swivel, and height adjustments, plus analog and digital system attachments

DESCRIPTION

- The L201p is a hybrid monitor. It has both an analog (15-pin D-shell) and digital (Digital Visual Interface [DVI-D]) connector on the back of the monitor. This allows one monitor to connect to different types of graphics adapters.

FEATURES

- 20.1-inch flat panel monitor is designed for advanced graphics applications and incorporates ThinkVantage Design
- Ultra narrow bezel (17mm / .66")
- Carrying handle
- Resolution of 1600x1200 provides crisp screen images
- Ergonomic stand tilts, swivels, pivots and provides a 110mm range height adjustment for comfortable viewing
- Quick and easy monitor adjustments with on-screen-display
- A great replacement for a 19" or 21" CRT monitor
- Scaling allows full screen viewing of resolutions less than 1600x1200
- Includes dual input connection for attachment to two systems concurrently (analog and digital or two analog)
- Integrated power supply eliminates the bulky power adapter for improved cable management
- Lockable digital controls
- Complements the ThinkCentre[®] and ThinkPad[®] systems
- Replacement for the ThinkVision L200p monitor

LIMITED WARRANTY

- ↪ **3 year limited warranty⁴**
- ↪ **International Warranty Service⁵**
- ↪ **Rapid Replacement Service at 1-800-IBM-SERV (426-7378)**
- ↪ **Replacement normally arrives in two business days, excluding holidays**
- ↪ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ↪ **Service upgrade options:⁷**
 - **3 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus™ part number 41C9209)
 - **3 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9212)
 - **4 year, on site exchange, Mon-Fri 9-5 with next day response** (ThinkPlus part number 41C9233)
 - **4 year, on site exchange, 7 day x 24 hr with 4 hour response** (ThinkPlus part number 41C9234)
- ↪ **24x7⁹ day toll-free support for warranty issues during the warranty period⁴**

OPTIONS

ThinkVision® USB Soundbar	40Y7616
Kensington® MicroSaver® Security Cable Lock	73P2582
ThinkPad Convertible Monitor Stand	40Y7620
ThinkVision TFT Radial Arm ⁹	19K4464

Other options at lenovo.com/options

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

¹ **ISO-compliant:** Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.

² **VESA:** Requires attachment to suitably configured system with similarly enabled operating system.

³ **ENERGY STAR:** As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 guidelines for energy efficiency. Requires attachment to suitably configured system.

⁴ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

⁵ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

⁶ **Lenovo pays all shipping costs** for warranty repairs during limited warranty period.

⁷ **ThinkPlus and Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

⁹ **Radial Arm Kit:** Designed for business environment; radial arm must be installed in accordance with instructions provided.

¹⁰ **TAA:** Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

¹¹ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

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June 2008
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