

Personal Systems Reference Lenovo and ThinkVision Monitors 2005 to present - withdrawn

June 2008 - Version 341



lenovo.com

sential CRT Monitors - US models E54 Pearl white 6331-M2N 15" FST CRT 13.8"/350mm	E54 E54	47N 6331-	
0.28mm diagonal / shadow mask 10.3 x 7.7" (w/h)	13.8" / 350mm 0.28mm diagonal / 0.24i 11.1 x 8.3" (w/h)	"13.9 mm horizontal / sha	FST CRT / 354mm dow mask x 8.3" (w/h)
262 x 196mm (w/h) Analog	282 x 211mm (w/h) Analog		(212mm (w/h)
Multiscanning 50 to 120Hz 30 to 69kHz 110Mpels/sec (MHz)	Multiscanning 50 to 120Hz 30 to 69 kHz 110Mpels/sec (MHz)		
800x600 at 85Hz 1024x768 1280x1024 70	800x600 at 85Hz 1024x768 1280x1024 70	70	70
60, 75, 85	60, 75, 85	75, 8	5 60, 75, 85 -
60, 70, 75, 85 - 60		75, 8s - 60	75
MPR-II, FCC-B	MPR-II, FCC-B	9/8	11 / 8
Yes No	Yes No		ROHS (EU Direc tive 2002/95/EC)
Yes Digital front mounted controls Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes Solution Yes Yes 9300K, 6500K, User1 Yes Yes One 1.8m captive with 15-pin D sh 1.8m detached Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes (manual) Yes Yes 9300K, 6500K, User1 Yes Yes Hell One 1.8m captive with 1 1.5m detached Yes Yes Yes 15.2" x 14.6" x 15.4" 387mm x 370mm x 391r 26.4 lb (12.0kg) DDC2B DPMS Yes 3 year	5-pin D shell mm 14.3" 362m 25.31	x 15.2" x 14.2" m x 387mm x 360mm lb (11.5kg) No No 04 / Dec 05 Feb 06 / Oct 06
DWARRANTY Service ⁵ t 1-800-IBM-SERV (426-7378) arrives in two business days ug costs for valid warranty claims ⁶ s: ⁷ ge Mon-Fri 9-5 with inkPlus™ 41C9209) ge 7 day x 24 hr (ThinkPlus 41C9212) ge Mon-Fri 9-5 with inkPlus 41C9215)		provide e prices	Essential CRT Monitors essential features at attractive 40Y7620
	Analog Multiscanning 50 to 120Hz 30 to 69kHz 110Mpels/sec (MHz) 800x600 at 85Hz 1024x768 1280x1024 70 60, 75, 85 60, 75, 85 - 60, 70, 75, 85 - 60 13 / 8 MPR-II, FCC-B No Yes No Yes Digital front mounted controls Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	Analog Multiscanning 50 to 120Hz 30 to 69kHz 110Mpels/sec (MHz) 800x600 at 85Hz 1024x768 1280x1024 70 60, 75, 85 60, 75	Analog

E Series Ess	sential CRT Mon	itors					
Name Case color Type-model US Govt model (TAA) ¹⁰ CRT size and type Viewable image size Dot pitch Max view area (W x H) Max view area (W x H) Video input	E74 Pearl white 6332-0HN No 17" FST CRT 16.0"/406mm Horizontal dot pi 12.79 x 9.6" 325 x 244mm Analog	633 : No	iness black 2-4HN	E74 Business black 6332-UHN Yes ¹⁰ nal dot pitch 0.27r	6332-4CN No	black	E74 Business black 6332-PHN No
Frequency Vertical refresh rate range Horizontal line rate range Clock rate	Multiscanning 50 to 120Hz 30 to 69kHz 110Mpels/sec (M	ЛHz)			50 to 130H	lz	
Optimum resolution Max flicker free resolution Maximum resolution 720x400 (presets) 640x480 (presets) 800x600 (presets) 960x529 (presets) 1024x768 (presets) 1154X864 (presets) 11280x1024 (presets) Presets/user settings	1024x768 at 85f 1024x768 at 85f 1280x1024 at 60 70, 85 60, 75, 85 75, 85 75, 85 - - 10 / 8	Ιz			70 60, 85 75, 85 - 75, 85 - 60 8 / 8		70, 85 60, 75, 85 75, 85 75 75, 85 75 - 11 / 8
On Screen Display OSD user controls Brightness/contrast control Horizontal size/position Vertical size/position Geometry reset/recall Pincushion / balanced pinc Image rotation Picture zoom Language select User color settings R, G, B, gain adjustment Moire reduction Manual degauss	Yes (6 language Digital front pane Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	eľcon					
Twin video input Video signal cable Power cord Anti-reflective treatment Anti-static treatment Dimensions (H x W x D) Dimensions (H x W x D) Weight	No One 1.5m captiv 1.8m detached Yes Yes 15.7" x 15.7" x 1 400mm x 398mr 33 lb (15 kg)	6.2"	·	ell	15.8" x 16. 402mm x 4 34.1 lb (15	10mm	
VESA DDC1/DDC2B ² VESA DPMS compliant ENERGY STAR ³ Emission standards TCO 99-compliant ISO 9241 capable RoHS	DDC2B Yes Yes MPR-II, FCC-B No Parts 3, 7, 8 ¹ No						No RoHS (EU Directive 2002/95/EC)
Limited warranty ⁴	3 year	Max	.2004	I A	l Cantamba	.2004	1
Available date LIMITED WAR 3 year limited warranty International Warranty S Express Maintenance at Replacement normally a business days, excludir Lenovo pays all shippin warranty claims Service upgrade options	Service ⁵ 1-800-426-7378 arrives in two ng holidays ng costs for valid		Univ Anti Anti Tilt/ Auto Nort	August 2003 NDARD FEATUR versal power sup i-static screen i-glare screen swivel stand omatic degauss thern hemisphere arate power cord	ply	• E Se	December 2005 Tries Essential CRT Monitors ide essential features at attractive is
• 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				nkPad Convertible er options at leno v			40Y7620

E Series Essential CRT Monitors Name E74 **POSITIONING** Case color **Business black** Type-model 6332-BCN The Lenovo E74 CRT monitor is an essential monitor Tilt-swivel stand Stand offering standard business features for value-conscious 17"(432mm) FST CRT CRT size and type customers. Viewable imagé size 16.0" / 406mm Horizontal dot pitch 0.23mm, diagonal dot pitch 0.27mm Dot pitch **FEATURES** Max view area (W x H) 12.6 x 9.6" • 17-inch (432mm) CRT with a viewable image size of Max view area (W x H) 320 x 243mm Analog Video input 16.0" (406mm) incorporating a 0.27 dot pitch • Flatter, squarer tube (FST) cathode ray tube (CRT) design Frequency Multiscanning Recommended for use at maximum resolution of Vertical refresh rate range 50 to 130Hz 1024x768 at 85Hz for flicker-free viewing Horizontal line rate range 30 to 69kHz · Anti-reflective screen treatments to minimize glare Clock rate 110Mpels/sec (MHz) without sacrificing picture sharpness Optimum resolution 1024x768 at 85Hz Max flicker free resolution 1024x768 at 85Hz Maximum resolution 1280x1024 at 60Hz 640x480 (presets) 60.85 70 720x400 (presets) 75, 85 75, 85 75 800x600 (presets) 1024x768 (presets) 1152X864 (presets) 1280x1024 (presets) 60 Presets/user settings 9/8 Yes (6 languages) On screen display 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 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 34.1 lb (15.5 kg)
Tilt-swivel stand / tilt: 14° back, 4° forward / swivel: 90° left, 90° right Weight Stand VESA DDC1/DDC2B2 DDC1/DDC2B VESA DPMS compliant ENERGY STAR³ Yes No MPR-II, FCC-B Emission standards TCO 99-compliant No Parts 3, 7, 8¹ RoHS (EU Directive 2002/95/EC) ISO 9241 capable RoHS Ship group Monitor, attached stand, User's Guide, diskette with monitor installation files, analog signal cable, 1.8m black power cord 90-264Vac, 68 watts maximum, 50-60Hz Power supply 3-year Limited warranty4

LIMITED WARRANTY

April 2006

3-year limited warranty⁴

Available date

- **☞** 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™ 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

STANDARD FEATURES

- **Borderless operation**
- 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

E Series Es	E Series Essential CRT Monitors - US models				
Name Case color Type-model CRT size and type Viewable image size Dot pitch Max view area in (W x H) Video input	E74M Multimedia Color Monitor Pearl white Business black 6517-07N 6517-47N 17" FST CRT 15.9" / 404mm 0.23mm horizontal, 0.27mm diagonal 12.97 x 9.77" / 329.5 x 248.2mm Analog	E74M Multimedia Color Monitor Pearl white Business black 6517-97N 6517-67N 17" FST CRT 15.9" / 404mm 0.23mm horizontal, 0.27mm diag 12.79 x 9.56" / 325 x 243mm 12.9 x 9.7" / 327 x 246m 12.9 x	diagonal mm		
Frequency Vertical refresh rate range Horizontal line rate range Clock rate	Multiscanning 50 to 160Hz 30 to 69kHz 110Mpels/sec (MHz)	Multiscanning 50 to 160Hz 30 to 70KHz 110Mpels/sec (MHz)			
Optimum addressability Maximum flicker free mode Maximum addressability Display presets Presets/user settings	1024x768 at 85Hz 1024x768 at 85Hz 1280x1024 at 60Hz 640x480 at 60, 75, 85Hz 720x400 at 70, 85Hz 800x600 at 75, 85Hz 960x529 at 75Hz 1024x768 at 75, 85Hz 10/10	1024x768 at 85Hz 1024x768 at 85Hz 1280x1024 at 60Hz 640x480 at 60, 75, 85Hz 720x400 at 70, 85Hz 800x600 at 75, 85Hz 960x529 at 75Hz 1024x768 at 75, 85Hz 10/10			
On screen display (OSD) OSD user controls OSD features	Yes (5 languages) Digital front panel 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	Yes (5 languages) Digital front panel Brightness and contrast Image size and position Image geometry Color settings (2 preset + 1 user) Geometry reset/recall, pincushion, trapezoid, moire, rotati Manual degauss	on		
Speakers Speaker power Microphone Auxiliary microphone in Audio in Headphone out Microphone out Audio OSD controls Audio signal cables	Stereo speakers integrated into sides of monitor 1 watt per channel Integrated microphone (electret condensor) 3.5mm mono (left side) 3.5mm stereo (rear) 3.5mm stereo (left side) (speakers are muted if plug is inserted) 3.5mm mono (rear) Volume, treble, bass, balance, microphone (enable/disable) Stereo cable (for audio in jack on monitor) Mono cable (for microphone out jack on monitor)	Stereo speakers integrated into sides of monitor 1 watt per channel / 60Hz to 10kHz frequency response Integrated microphone (electret condensor / 100Hz to 5 3.5mm mono (left side) 3.5mm stereo (rear) 3.5mm stereo (left side) (speakers are muted if plug is inserted) 3.5mm mono (rear) Volume, treble, bass, balance, microphone (enable/disable), speaker mute Stereo cable (for audio in jack on monitor) Mono cable (for microphone out jack on monitor)	kHz)		
Video signal cable Power cord Anti-reflective treatment Anti-static treatment Self diagnosis function Dimensions (H x W x D) Weight Power consumption	One 1.5m captive with 15-pin D shell One 1.8m detached Yes No No 17.2 x 18.3 x 17.4" 38.3 lbs 120 watts max	One 1.5m captive with 15-pin D shell One 1.8m detached Yes(and anti-glare) Yes No 17.1 x 18.3 x 17.4" 436mm x 465mm x 442mm 37.4 lbs (17.0 kg) 120 watts max	6mm		
Emission Environmental label ISO 9241-3 -81 VESA DDC1/DDC2B2 VESA DPMS compliant Power management Limited warranty ⁴	MPR-II, FCC-B No Yes DDC1/DDC2B DPMS ENERGY STAR ³ 3 year Nov 00 / Oct 01 Nov 00 / Apr 2001	MPR-II, FCC-B TCO 99	er 2005		

LIMITED WARRANTY

- 3 year limited warranty⁴
- International Warranty Service⁵
 Express Maintenance at 1-800-426-7378
- Replacement normally arrives in two
- 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™ 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

• E Series Essential CRT Monitors provide essential features at attractive

prices

Flat Panel Monitors - US model Lenovo L151 Flat Panel Monitor Name **POSITIONING** Business black Case color Type-model US Govt model (TAA)¹⁰ 9165-AB6 • The Lenovo L151 monitor is best suited for general business applications. Tilt stand included Stand LCD Active Matrix TFT (Thin Film Transistor) **FEATURES** Screen Viewable image size (diag) 15.0" / 381mm (diagonal) All-purpose 15-inch flat panel LCD monitor Ultra narrow bezel (16mm / 0.63") Pixel pitch (mm) .297mm Max view area (inches) 12.0" x 9.0" (horizontal x vertical) 12.0 x 9.0 (Infiliational X vertical) 304mm x 228mm (horizontal x vertical) 140° (+80°/- 60°) vertical, 160° (+/- 80°) horizontal 100° (+/- 50°) vertical, 120° (+/- 60°) horizontal Resolution of 1024x768 provides crisp screen images Max view area (mm) Stand tilts for comfortable viewing Viewing angle at 5:1 CR • Direct access for automatic image setup and brightness Viewing angle at 10:1 CR Quick and easy monitor adjustments using on-screen Video input Analog **Dualinput** display menus Rotating screen No pivot Matching design to Lenovo notebooks and desktops A great replacement for a 15" or 17" CRT monitor Optimum resolution 1024x768 at 60Hz • Integrated power supply eliminates the bulky power adapter 1024x768 at 75Hz (80MHz maximum pixel rate) Maximum resolution Vertical frequency for improved cable management 55 to 75Hz Lockable digital controls Horizontal frequency 30 to 63kHz Display colors (maximum) More than 16 million simultaneous colors • Integrated cable management in stand for clutter-free 640x480 Preset display modes desktop VGA: 60, 66, 72, 75Hz 640x350 70Hz 70Hz 720x400 SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz Presets / user settings Standard presets: 12; user settings: 10 250 nits or cd/m² (typical) Brightness 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 One connector: analog 15-pin D-shell [blue] Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Monitor connector Signal cable Anti-reflective/anti-glare Anti-reflective/anti-glare 13.31"H x 13.56"W x 6.12"D / 338mm height x 345mm width x 156mm depth **Dimensions** 7.72 lb / 3.5 kg Weight Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand Viewing adjustments Wall or desk mounting using the Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security VESA DDC² 2B/CI VESA DPMS compliant **DPMS** ENERGY STAR®34.0 Power management ISO 13406 Part 21 **Ergonomics** ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B Pixel defect **Emission standards** Environmental/RoHS TCO 99 / RoHS (EU Directive 2002/95/EC) 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 100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off") Ship group

LIMITED WARRANTY	OPTIONS	
 ⇒ 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 claims⁵ ⇒ Service upgrade options:⁷ 	ThinkVision® USB Soundbar Kensington® MicroSaver® Security Cable Lock ThinkPad Convertible Monitor Stand ThinkVision TFT Radial Arm ⁹	40Y7616 73P2582 40Y7620 19K4464
 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 	Other options at lenovo.com/options	
(Lenovo Care part number 41K0555)	Lenovo Care maintenance services at lenovo.com/warranty	

3-year (includes backlight)

March 2006

Power supply Limited warranty4

Available date

POSITIONING

FEATURES

• The Lenovo L171 monitor is best suited for general business

Resolution of 1280x1024 provides crisp screen images

• Direct access for automatic image setup and brightness

Scaling allows full screen viewing of resolutions less than

• Integrated power supply eliminates the bulky power adapter

 Matching design to Lenovo notebooks and desktops • A great replacement for a 17" or 19" CRT monitor

Quick and easy monitor adjustments using on-screen-display

All-purpose 17-inch flat panel LCD monitor
Ultra slim bezel (14mm / .55")

Stand tilts for comfortable viewing

for improved cable management

Lockable digital controls

applications.

1280x1024

Flat Panel Monitors - US models

Name Lenovo L171 Flat Panel Monitor

Case color **Business black** Type-model US Govt model (TAA)¹⁰ 9227-AB6

Stand Tilt stand included

LCD Active Matrix TFT (Thin Film Transistor) Screen

17.0" / 432mm (diagonal) Viewable image size (diag)

Pixel pitch (mm) .264mm

Max view area (inches) Max view area (mm) 13.4" x 10.7" (horizontal x vertical) 340mm x 272mm (horizontal x vertical) Viewing angle at 5:1 CR

155° (+85°/- 70°) vertical, 170° (+/- 85°) horizontal 130° (+67°/- 63°) vertical, 140° (+/- 70°) horizontal Viewing angle at 10:1 CR

Video input Analog **Dual input**

Optimum resolution 1280x1024 at 60Hz

1280x1024 at 76Hz (140MHz maximum pixel rate) Maximum resolution Vertical frequency 55 to 76Hz

Horizontal frequency 31 to 81kHz

Display colors (maximum)
Preset display modes More than 16 million simultaneous colors

640x480 60, 72, 75Hz VGA: 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz
XGA: 1024x768 60, 70, 75 Hz
SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz
Standard preset: 15 progressing 20

Presets / user settings Standard presets: 15; user settings: 20

270 nits or cd/m² (typical) Brightness

Contrast ratio 500:1 (typical) Responsetime 8ms (typical)

Scaling Can expand image of lower resolution to full screen of 1280x1024

On screen display with digital user controls (6 languages) On screen display

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

One connector: analog 15-pin D-shell [blue]
Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Monitor connector

Signal cable Anti-reflective / anti-glare

Anti-reflective/anti-glare 15.2"H x 14.6"W x 6.4"D / 387mm height x 371mm width x 162mm depth Dimensions

Weight

10.8 lb / 4.9 kg
Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand Viewing adjustments

Wall or desk mounting using the TFT Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features

Security

VESA DDC² 2B/CI VESA DPMS-compliant **DPMS**

Power management

ENERGY STAR3 ISO 13406 Part 21 **Ergonomics**

Pixel defect **Emission standards**

Environmental label

ISO 13406 Part 2"
ISO 13406-2 Class II pixel defect standard
MPR-2 / MPR-3A / FCC Class B
TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC)
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
100-240 Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off") Ship group

Power supply Limited warranty4 3 year (includes backlight)

February 2006 Available date

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:
 - · 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

ThinkVision® USB Soundbar 40Y7616 Kensington® MicroSaver® Security Cable Lock ThinkPad Convertible Monitor Stand 73P2582 40Y7620 ThinkVision TFT Radial Arm9 19K4464

Other options at lenovo.com/options

Lenovo Care maintenance services at

lenovo.com/warranty

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

POSITIONING

FEATURES

The Lenovo L171 monitor is best suited for general business

• Resolution of 1280x1024 provides crisp screen images

Direct access for automatic image setup and brightness

• Scaling allows full screen viewing of resolutions less than

• Integrated power supply eliminates the bulky power adapter

Matching design to Lenovo notebooks and desktops
 A great replacement for a 17" or 19" CRT monitor

Quick and easy monitor adjustments using on-screen-display

• All-purpose 17-inch flat panel LCD monitor

• Ultra slim bezel (14mm / .55")

• Stand tilts for comfortable viewing

for improved cable management

· Lockable digital controls

applications.

1280x1024

Flat Panel Monitors - US models

Name Lenovo L171 Flat Panel Monitor

Case color **Business black** Type-model US Govt model (TAA)¹⁰ 9227-AC1

Tilt stand included Stand

LCD Active Matrix TFT (Thin Film Transistor) Screen

Viewable image size (diag)17.0" / 430mm (diagonal)

Pixel pitch (mm) .264mm

Max view area (inches) 13.3" x 10.6" (horizontal x vertical) 338mm x 270mm (horizontal x vertical) 130° (+67°/- 63°) vertical, 140° (+/- 70°) horizontal Max view area (mm)

Viewing angle at 10:1 CR

Video input Analog Dual input

Optimum resolution 1280x1024 at 60Hz

1280x1024 at 76Hz (140MHz maximum pixel rate) Maximum resolution

Vertical frequency 55 to 75Hz Horizontal frequency 30 to 83kHz

Display colors (maximum) More than 16 million simultaneous colors 640x480 60, 72, 75Hz

Preset display modes VGA:

640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 70, 75, 76 (Sun) Hz

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

On screen display with digital user controls (6 languages) On screen display

Direct access (buttons on front) for auto adjustment and brightness; Control features

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]

Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Signal cable

Anti-reflective / anti-glare Anti-reflective / anti-glare

15.0"H x 17.2"W x 6.9"D / 380mm height x 438mm width x 175mm depth Dimensions

Weight 10.8 lb / 4.9 kg

Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand Viewing adjustments

Mounting features Wall or desk mounting using the TFT Radial Arm9 or third-party accessories meeting the VESA FPMPMI® (100mm mount)

Security Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

VESA DDC² 2B/CI VESA DPMS-compliant **DPMS**

ENERGY STAR®3 4.0 Power management Ergonomics ISO 13406 Part 21

ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B Pixel defect

Emission standards

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 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

> **LIMITED WARRANTY OPTIONS**

3-year limited warranty

Power supply

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:

• 3-year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo CareSM part number 41K0554)

Post-warranty maintenance services:1

• 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

ThinkVision® USB Soundbar 40Y7616 Kensington® MicroSaver® Security Cable Lock 73P2582 ThinkPad Convertible Monitor Stand 40Y7620 ThinkVision TFT Radial Arm9 19K4464

Other options at lenovo.com/options

Lenovo Care maintenance services at lenovo.com/warranty

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

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Flat Panel Monitors - US model **POSITIONING** Name Lenovo L191 Flat Panel Monitor The Lenovo L191 monitor is best suited for general business **Business black** Case color applications. 6135-AB1 Type-model US Govt model (TAA)¹⁰ **FEATURES** Tilt stand included Stand · All-purpose 19-inch flat panel LCD monitor LCD Active Matrix TFT (Thin Film Transistor) Screen • Slim 15mm (0.59") side bezel 19.0" / 483mm (diagonal) Viewable image size (diag) • Carrying handle Pixel pitch (mm) .294mm Max view area (inches) Max view area (mm) Resolution of 1280x1024 provides crisp screen images 14.8" x 11.8" (horizontal x vertical) Stand tilts for comfortable viewing 376mm x 301mm (horizontal x vertical) Viewing angle at 5:1 CR 155° (+85°/- 70°) vertical, 170° (+/- 85°) horizontal 135° (+75°/- 60°) vertical, 150° (+/- 75°) horizontal • Direct access for automatic image setup and brightness Quick and easy monitor adjustments using on-screen-display Viewing angle at 10:1 CR Video input Analog · Matching design to Lenovo notebooks and desktops **Dual input** A great replacement for a 17" or 19" CRT monitor Scaling allows full screen viewing of resolutions less than Optimum resolution 1280x1024 at 60Hz 1280x1024 1280x1024 at 75Hz (140MHz maximum pixel rate) Maximum resolution • Integrated power supply eliminates the bulky power adapter Vertical frequency 55 to 76Hz Horizontal frequency 31 to 81kHz for improved cable management Display colors (maximum)
Preset display modes Lockable digital controls More than 16 million simultaneous colors 640x480 60, 72, 75Hz VGA: 640x350 70Hz 70Hz 720x400 SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Presets / user settings Standard presets: 17; user settings: 20 300 nits or cd/m² (typical) Brightness Contrast ratio 700:1 (typical) Pixel response time 8ms (typical) Scaling Automatically expands image of lower resolution to full screen of 1280x1024 On screen display On screen display with digital user controls (6 languages) Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); Control features on screen display (OSD) language selection; menu position; information screen; image setup; reset of geometry and color point to factory default settings; lockable settings One connector: analog 15-pin D-shell [blue]

Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Monitor connector Signal cable Anti-reflective / anti-glare Anti-reflective/anti-glare 16.4"H x 16.1"W x 7.0"D / 417mm height x 408mm width x 179mm depth Dimensions Tilt: 30° back, -4° forward / no swivel / no lift / detachable stand Weight Viewing adjustments Wall or desk mounting using the TFT Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security VESA DDC² 2B/CI VESA DPMS-compliant **DPMS** Power management ENERGY STAR®34.0 ISO 13406 Part 21 **Ergonomics** ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC) Pixel defect **Emission standards** Environmental label Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with Ship group multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off") Power supply Limited warranty4 3 year (includes backlight) Available date July 2006

LIMITED WARRANTY	ACCESSORIES	
⇒ 3-year limited warranty ⁴	ThinkVision® USB Soundbar	40Y7616
□ International Warranty Service ⁵	Kensington® MicroSaver® Security Cable Lock	73P2582
Rapid Replacement Service at 1-800-IBM-SERV (426-7378)	ThinkPad Convertible Monitor Stand	40Y7620
Replacement normally arrives in two business days, excluding holidays	ThinkVision TFT Radial Arm ⁹	19K4464
Lenovo pays all shipping costs for valid warranty claims ⁶		
Service upgrade options:7		
 3-year, on site exchange, Mon-Fri 9-5 with next day response 		
(Lenovo Care ^{sм} part number 41K0554)	Other accessories at	
	lenovo.com/accessories	
1-year, maintenance on site exchange, Mon-Fri 9-5 with next day response		
(Lenovo Care part number 41K0555)	Lenovo Care maintenance services at	

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

24x78 day toll-free support for warranty issues during the warranty period4

lenovo.com/warranty

POSITIONING

FEATURES

• The Lenovo L192 Wide monitor is best suited for general

• All-purpose 19-inch wide flat panel LCD monitor

Resolution of 1440x900 provides crisp screen images

 Matching design to Lenovo notebooks and desktops • A great replacement for a 17" or 19" CRT monitor

• Direct access for automatic image setup and brightness

Scaling allows full screen viewing of resolutions less than

• Integrated power supply eliminates the bulky power adapter

Quick and easy monitor adjustments using on-screen-display

• View images in a 16x10 wide aspect ratio

business applications.

• Ultra slim bezel (25mm / .98")

Stand tilts for comfortable viewing

for improved cable management

Lockable digital controls

Flat Panel Monitors - US models

Lenovo L192 Wide Flat Panel Monitor Name

Case color **Business black** Type-model US Govt model (TAA)¹⁰ 6920-AB1

Tilt stand included Stand

LCD Active Matrix TFT (Thin Film Transistor) Screen

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)

176° vertical, 176° horizontal 160° vertical, 160° horizontal Viewing angle at 5:1 CR Viewing angle at 10:1 CR

Video input Analog Dual input

Optimum resolution 1440x900 at 60Hz

1440x900 at 75Hz (137MHz maximum pixel rate) Maximum resolution 50 to 75Hz

Vertical frequency 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 800x600 60, 72, 75Hz 1024x768 60, 70, 75 Hz 1280x1024 60, 72, 75, 76Hz SVGA: XGA: SXGA: WXGA+: 1440x900 60, 75Hz

Presets / user settings Standard presets: 18; user settings: 17

Brightness 300 nits or cd/m2 (typical)

Contrast ratio 800:1 (typical) 5ms (typical) Pixel response time

Scaling Automatically expands image of lower resolution to full screen of 1440x900

On screen display with digital user controls (7 languages) On screen display

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]
Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Signal cable

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
Tilt: 20° back, -5° forward / no swivel / no lift / detachable stand Viewing adjustments

Mounting features Wall or desk mounting using the TFT Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI[®] (100mm mount)

Security No security keyhole

VESA DDC² 2B/CI VESA DPMS-compliant **DPMS**

ENERGY STAR®3 4.0 Power management Ergonomics ISO 13406 Part 21

ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B Pixel defect

Emission standards

Environmental label

TCO 99 / WEEE / RoHS (EU Directive 2002/95/EC)
Monitor, attached stand, customer installable base, Setup Guide, Safety and Warranty Information, CD with Ship group

multilingual User's Guide and monitor installation files, analog signal cable, 1.8m black power cord

100-240Vac (universal) / integrated (no external brick-like power supply) / 35 watts typical (<2 watts for "active off") Power supply

Limited warranty4 3 year (includes backlight) Available date September 2006

> LIMITED WARRANTY **OPTIONS**

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:

• 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

ThinkPad Convertible Monitor Stand ThinkVision TFT Radial Arm9

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

40Y7620

19K4464

Flat Panel I	Monitors - US model ————————————————————————————————————	POSITIONING			
Name Case color Type-model Stand	L192p Flat Panel Monitor Business black 9419-HC2 Tilt, swivel, pivot, and height adjustable stand	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.			
Screen	LCD Active Matrix TFT (Thin Film Transistor)	DESCRIPTION			
Pixel pitch (mm) Max view area (inches) Max view area (mm))19.0" / 482mm (diagonal) .29mm 14.9" x 11.9" (horizontal x vertical) 378mm x 303mm (horizontal x vertical) 170° (+/- 85°) vertical, 170° (+/- 85°) horizontal Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	• 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 no accept two analog inputs).			
Sync on green	Yes	FEATURES			
Rotating screen	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	All-purpose 19-inch flat panel monitor that incorporates ThinkVantage Design Slim 15mm (0.59") side bezel Caraina hondle			
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1280x1024 at 60Hz 1280x1024 at 76Hz (135MHz maximum pixel rate) 56 to 76Hz 30 to 81kHz More than 16 million simultaneous colors VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz	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			
Presets / user settings	SVGA: 800x600 60, 72, 75Hz 75Hz (Mac) XGA: 1024x768 60, 70, 75 (Mac), 75Hz 1152x864 75Hz 1152x870 75Hz 1152x870 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 21; user settings: 17	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			
Brightness Contrast ratio Pixel response time	250 nits or cd/m² (typical) 1000:1 (typical) 20ms (typical)				
Control features Monitor connectors	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				
Signal cables Anti-reflective / anti-glare		ch end (for analog connector), 1.8 meter, matches color of monitor n end (for digital connector), 2.0 meter, matches color of monitor			
Dimensions Weight	13.2 lb / 6.0kg `	nm min lift (508mm max lift) height x 409mm width x 226mm depth			
Viewing adjustments Mounting features Security	Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand Wall or desk mounting using the Radial Arm9 or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)				
VESA-compliant ² Power management Ergonomics Pixel defect Emission standards Environmental label Ship group	tower management regions in the second standard short management regions in the second standard short mission standards regions mission standards in the second standard short mission standards in the second standard short mission standard short mission standard short mission standards in the second standard short mission standards in the second standard short mission short missi				
Power supply Limited warranty ⁴ Available date		k-like power supply) / 40 watts typical (2 watts for "active off")			
	LIMITED WARRANTY	ACCESSORIES			
 ⇒ 3 year limited warran ⇒ International Warrant ⇒ Rapid Replacement S 		ThinkVision® USB Soundbar 40Y7616 Kensington® MicroSaver® Security Cable Lock 73P2582 ThinkPad Convertible Monitor Stand 40Y7620			

- 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

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

Other accessories at lenovo.com/accessories

	Monitors - US model —	POSITIONING			
Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 10:1 CR Video input	L201p Flat Panel Monitor Business black 9220-HB1 Tilt, swivel, pivot, and height adjustable stand LCD Active Matrix TFT (Thin Film Transistor) 20.1" / 511mm (diagonal) .255mm 16.1" x 12.1" (horizontal x vertical) 410mm x 308mm (horizontal x vertical) 178° (+/- 89°) vertical, 178° (+/- 89°) horizontal Digital or analog (two separate connectors)	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.			
Sync on green Rotating screen	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Yes Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	FEATURES 20.1-inch flat panel monitor is designed for advanced graphics applications and incorporates ThinkVantage Design Slim 17mm (0.66") side bezel Carrying handle			
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1600x1200 at 60Hz 1600x1200 at 60Hz (165MHz maximum pixel rate) 56 to 85Hz Analog: 31 to 94kHz; Digital: 30 to 81kHz 16.7 million simultaneous colors 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	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			
Presets / user settings Brightness Contrast ratio Pixel response time	UXGA: 1600x1200 60Hz Standard presets: 23; user settings: 10 300 nits or cd/m² (typical) 700:1 (typical) 16ms (typical)				
On screen display Control features Monitor connectors Signal cable	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 for connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital attach [white]				
Anti-reflective / anti-glare Dimensions Weight Viewing adjustments Mounting features Security	(2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor				
VESA-compliant ² Power management Ergonomics Pixel defect Emission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	compliant2 VESA DDC2B/CI and VESA DPMS-compliant management management mics ISO 13406 Part 2¹ efect ISO 13406-2 Class II pixel defect standard on standards mental label moup 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 supply 100-240Vac (universal) / integrated (no external brick-like power supply) / 60 watts typical (3 watts for "active off") 3 year (includes backlight)				
	LIMITED WARRANTY	ACCESSORIES			
 3 year limited warran International Warrant Rapid Replacement S 		ThinkVision® USB Soundbar 40Y7616 Kensington® MicroSaver® Security Cable Lock 73P2582			

- 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

ThinkPad Convertible Monitor Stand 40Y7620 ThinkVision TFT Radial Arm⁹ 19K4464

Other accessories at lenovo.com/accessories

ThinkVision CRT Monitors - US model					
Name Case color Type-model Stand CRT size and type Viewable image size Dot pitch Max view area (inches) Max view area (mm) Video input	C170 Business black 6737-66N Tilt-swivel stand 17" (431.8mm) full (16.0" / 406.4mm 0.25mm diagonal / 012.79 x 9.6" 325 x 244mm Analog	C170 Business black 6737-P6N flat shadow mask (flat screen) CRT 0.22 horizontal	POSITIONING Perfect balance of price and performance FEATURES Flat shadow mask technology for clear images on the entire screen with low distortion and low glare A 17-inch full flat-screen CRT with a viewable image size of 406.4mm (16 inches) incorporating a 0.25mm diagonal		
Vertical refresh rate range Horizontal line rate range Clock rate	50 to 160Hz 30 to 85kHz 135Mpels/sec		dot pitch and a 0.22mm horizontal dot pitch An optimal flicker-free resolution of 1024x768 at 85Hz with a maximum resolution of 1600x1200 Incorporates ThinkVantage Design that enhances 		
Optimum resolution Max flicker free resolution Maximum resolution 720x400 text (preset) 640x480 (preset) 800x600 (preset) 1024x768 (preset) 1280x1024 (preset) 1152x864 (preset) 1600x1200 Presets/loads/user	1024x768 at 85Hz 1280x1024 1600x1200 70 60, 85 75, 85 75, 85 75 No preset Standard presets: 9;	; factory loads: 0; user settings: 15	usability and complements the system design • Matching design to ThinkPad® and ThinkCentre® systems • Quick and easy monitor adjustments using new designed on screen display		
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 Information screen displaying resolution, model name, and microcode / borderless operation / menu position				
Video signal cable Anti-reflective treatment Anti-static treatment Dimensions (H x W x D) Dimensions (H x W x D) Weight Viewing adjustments	1.8m (6 ft) captive with 15-pin D shell (black) Yes Yes 16.9" x 16.3" x 16.5" 430mm x 414mm x 420mm 35.3 lbs (16.0 kg) Forward vertical tilt: +10°; backward vertical tilt: -4°; horizontal swivel +45°/-45°				
VESA DDC1/DDC2B ² VESA DPMS compliant ENERGY STAR ³ Emission Environmental label RoHS ISO 9241-3 ¹ Ship group Power supply Limited warranty ⁴ Available date	DDC2B DPMS Yes No MPR-II, FCC-B TCO 99 No RoHS (EU Directive 2002/95/EC) Yes 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) 100-240Vac (universal), 70 watts typical, 50-60Hz 3 year June 2003 November 2005				

LIMITED WARRANTY	OPTIONS	
≈ 3 year limited warranty ⁴	ThinkPad Convertible Monitor Stand	40Y7620
 ✓ International Warranty Service⁵ ✓ Rapid Replacement Service at 1-800-426-7378 (customer mail-in service) 	Other options at lenovo.com /options	
Replacement normally arrives in two business days, excluding holidays	Carer options at tenevo.som/options	
 ➤ 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 (Thirt Diverger to combac (4.00347))		
(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 period 		
2 21. day to 11.00 support of warranty issues during the warranty period		

ThinkVision	ThinkVision CRT Monitors - US model				
Name Case color Type-model Stand CRT size and type Viewable image size Dot pitch Max view area (inches) Max view area (mm) Video input	C190 Business black 6739-60N Tilt-swivel stand 19" full flat shadov 18.0" / 457.2mm 0.25mm diagonal / 0 14.4 x 10.8" 365.8 x 274.5mm Analog	C190 Business black 6739-P0N v mask (flat screen) CRT 0.22 horizontal	POSITIONING Perfect balance of price and performance FEATURES Flat shadow mask technology for clear images on the entire screen with low distortion and low glare A 19-inch full flat-screen CRT with a viewable image size of 457.3mm (18 inches) incorporating a 0.25mm diagonal dot		
Vertical refresh rate range Horizontal line rate range Clock rate Optimum resolution Max flicker free resolution Maximum resolution 720x400 text (preset) 640x480 (presets) 800x600 (presets)	50 to 160Hz 30 to 96kHz 202Mpels/sec 1280x1024 at 85Hz 1600x1200 70 60, 85 75, 85		pitch and a 0.22mm horizontal dot pitch • An optimal flicker-free resolution of 1280x1024 at 85Hz with a maximum resolution of 1600x1200 • Incorporates ThinkVantage Design that enhances usability and complements the system design • Matching design to ThinkPad® and ThinkCentre® systems • Quick and easy monitor adjustments using new designed on screen display • Replacement for the G97 Monitor		
1024x768 (presets) 1280x1024 (presets) 1600x1200 (preset) Presets/user settings	75, 85 75, 85 75 Standard presets: 19	5; 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 Information screen displaying resolution, model name, and microcode / borderless operation / menu position				
Video signal cable Anti-reflective treatment Anti-static treatment Dimensions (H x W x D) Dimensions (H x W x D) Weight Viewing adjustments	1.8m (6 ft) captive with 15-pin D shell (black) Yes Yes 18.4" x 18.0" x 18.0" 468mm x 456mm x 456mm x 458mm 46.8 lbs (21.25 kg) Forward vertical tilt: 5°; backward vertical tilt: 15°; horizontal swivel +90°/-90°				
VESA DDC1/DDC2B² VESA DPMS compliant Power management Emission Environmental label RoHS ISO 9241-3¹ Ship group Power supply Limited warranty⁴ Available date Withdrawn date	DDC2B DPMS ENERGY STAR³ MPR-II, FCC-B TCO 99 No RoHS (EU Directive 2002/95/EC) Yes 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) 90-264Vac, 100 watts typical, 50-60Hz 3 year June 2003 September 2005 December 2005 October 2006				

=	3 year limited warranty ⁴	ThinkPad Convertible Monitor Stand
=	International Warranty Service ⁵	Timina da contornolo monto. Ciana
=	Rapid Replacement Service at 1-800-426-7378 (customer mail-in service)	Other options at lenovo.com/options
	Replacement normally arrives in two business days, excluding holidays	
=	Lenovo pays all shipping costs for valid warranty claims ⁶	
=	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	

LIMITED WARRANTY

See footnotes for important warranty information

(ThinkPlus part number 41C9212)

(ThinkPlus part number 41C9224) Post warranty maintenance services available 40Y7620

OPTIONS

• 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

24x78 day toll-free support for warranty issues during the warranty period4

ThinkVision	ThinkVision CRT Monitors - US model				
Name Case color Type-model Stand CRT size and type Viewable image size (max) Aperture grille pitch Max view area (inches) Max view area (mm) Video input	C220p Business black 6735-60N Tilt-swivel stand 22"(559mm) aperture grille CRT (flat screen) 20.0" (508mm) diagonal; 12.0" (304mm) height; 16.0"(406mm) width 0.24mm 15.9 x 11.9" (width x height) 406 x 304mm (width x height) Analog	POSITIONING Accurate colors and crystal clear images FEATURES Full flat aperature 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 aperature grill pitch			
Frequency Vertical refresh rate range Horizontal line rate range Clock rate	Multiscanning 50 to 160Hz 30 to 130kHz 360Mpels/sec (360MHz)	 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 			
Optimum addressability Maximum addressability 720x400 text (preset) 640x480 (presets) 800x600 (presets) 1024x768 (presets) 1280x1024 (presets) 1600x1200 (presets) 1792x1344 (preset) 1792x1344 (preset) 1920x1440 (presets) 2048x1536 (presets) Presets/loads/user	1600x1200 at 85Hz 2048x1536 at 80Hz 70 60, 85 75, 85 75, 85 75, 85 75, 85 85 75, 85 85 85 75, 85 85 85 75, 80 Standard presets: 8; factory loads: 8; user settings: 6	 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 			
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				
Monitor connectors Video signal cable Anti-reflective treatment Anti-static treatment Dimensions (H x W x D) Dimensions (H x W x D) Weight Viewing adjustments	Two video input connectors: analog 15-pin D-shell [blue] and DVI-A [white] / selection by OSD or front switch 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 1/4-wave anti-reflective film Yes 20.3" x 20.2" x 19.1" 516mm x 513mm x 484mm 67.2 lb (30.5 kg) Forward vertical tilt: 5°; backward vertical tilt: 15°; horizontal swivel +90°/-90°				
VESA DDC1/DDC2B² VESA DPMS compliant Power management Emission Environmental label ISO 9241-3¹ Ship group Power supply Limited warranty⁴ Available date	DDC2B DPMS ENERGY STAR³ / meets FEMP guidelines for standby power consumption MPR-II, FCC-B TCO 99 ISO 9241 Parts 3, 7, and 8 for front-of-screen ergonomics Monitor, detached tilt-swivel stand, videl 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) 90-264Vac (universal), 130 watts typical, 47-63Hz 3 year February 2004				
	LIMITED WARRANTY	OPTIONS			

LIMITEDWARRANTY

- 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 (ServicePac® 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
- 24x78 day toll-free support for warranty issues during the warranty period4

OPTIONS

Video signal cable 15-pin D-shell to 15-pin D-shell 61H0227 Video signal cable DVI-A to DVI-A 04N7529

Flat Panel N	Flat Panel Monitors - US models						
Name	L150 Flat Panel I						
Case color	Business black		I Business black	POSITIONING			
Type-model	6636-AB1	6636-AW1*	6636-AK1	Essential—Exceptional flat panel design that provides			
US Govt model (TAA)10	No	No	Yes ¹⁰	space savings			
Stand	Tilt stand includ	ed	•	TFT essential models offer space savings and quality			
Screen	LCD Active Matrix	x TFT (Thin Film	Transistor)	at entry level prices			
Viewable image size (diag)		iagonal)		at only level photo			
Pixel pitch (mm)	.297mm			FEATURES			
Max view area (inches) Max view area (mm)	12.0" x 9.0" (horiz 304mm x 228mm		i'aal\	All-purpose 15-inch flat panel LCD monitor incorporates			
Minimum viewing angle	115° (+/- 57.5°) v			ThinkVantage Design that enhances usability and			
Video input	Analog	ertical, 130 (+/- 1	J / Horizontai	complements the system design			
Dualinput	No			Addressability of 1024x768 provides crisp screen images			
'				Stand tilts for comfortable viewing			
Frequency Max addressibility	Multi-frequency 1024x768			Direct access for automatic image setup and brightness			
Video input (maximum)	1024x768 at 75H	z (80MHz mavimi	ım nival rata)	Quick and easy monitor adjustments using new designed			
Corresponding scr refresh	1024x768 at 60H	2 (0011111 12 111ax111111 7	uiii pixei iate)	on-screen-display			
Vertical frequency	55 to 75Hz	_		 Matching design to ThinkCentre® and ThinkPad® systems 			
Horizontal frequency	30 to 63kHz			A great replacement for a 15" or 17" CRT monitor			
Display colors (maximum)	More than 16 milli	ion simultaneous	colors	 Scaling allows full screen viewing of resolutions less than 			
Preset display modes	VGA: 640x480			1024x768			
		70Hz		 Integrated power supply eliminates the bulky power adapter 			
	720x400			for improved cable management			
	SVGA: 800x600			Lockable digital controls			
Presets / user settings	XGA: 1024x768 60, 70, 75Hz Standard presets: 11; user settings: 10 250 nits or cd/m² (typical) 400:1 (typical) 35ms (typical)		2: 10	Integrated cable management in stand for clutter-free			
Brightness			5. 10	desktop			
Contrast ratio				Replacement for the T541 Monitor			
Response time							
Scaling		je of lower addres	sability to full scree	en of 1024x768			
On screen display	On screen display	y with digital user	controls (5 langua	ges)			
Control features			auto adjustment a				
	contrast; image horizontal and vertical position; user color settings (3 preset + 1 on screen display (OSD) language selection; menu position; information screen; image setup; image size to show normal or expanded formareset of geometry and color point to factory default settings; lockable settings						
Monitor connector	One connector: a			ettings; lockable settings for analog connector), 1.8 meter, matches color of monitor			
Signal cable							
Anti-reflective/anti-glare	Anti-reflective/ar		Silcil at cacif clid (ior analog connector), 1.0 meter, materies color or monitor			
Dimensions			height x 364mm wid	dth x 214mm depth			
Weight	10.6 lb / 4.8 kg						
Viewing adjustments		orward / no swive	I / no lift / detachabl	e stand			
Mounting features				arty accessories meeting the VESA FPMPMI® std (100mm)			
Security	Security keyhole f	or attachment of c	optional cable lock (Kensington® lock-compatible)			
VESA DDC2B ²	Yes						
VESA DPMS-compliant	DPMS						
Power management Power management	ENERGY STAR ³						
Ergonomics	ISO 13406 Part 21						
Emission standards	MPR-2 / MPR-3A	/ FCC Class B					
Environmental label	TCO 99 Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-u pattern, and monitor installation files; analog signal cable; 1.8m black power cord			mante Information CD with mouthling and I locale Coulds and united			
Ship group							
Power supply	100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off"						
Limited warrantv ⁴	3 year (includes b		יווט פאנפווומו טוונ	on the power suppry / 30 watte typical (2 watte for active of)			
Available date	August 2003	October 2003	ISeptember 2003				
	. 3						
	LIMITEDWAR	DANTY	1				

LIMI	TED \	NAR	RANTY
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- 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
ThinkPad Convertible Monitor Stand
40Y7620
Radial Arm9
19K4464

Other options at lenovo.com/options

* 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

Name Case color	L150 Flat Panel Monitor Business black	POSITIONING			
Type-model US Govt model (TAA) ¹⁰ Stand Screen	6636-AC1 No Tilt stand included LCD Active Matrix TFT (Thin Film Transistor) 15.0" / 381 mm (diagonal)	Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry level prices FEATURES			
Pixel pitch (mm)	.297mm				
Max view area (inches) Max view area (mm) Minimum viewing angle Video input Dual input	12.0" x 9.0" (horizontal x vertical) 304mm x 228mm (horizontal x vertical) 115° (+/- 57.5°) vertical, 150° (+/- 75°) horizontal Analog No	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			
Frequency Max addressibility Video input (maximum) Corresponding scr refresh Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	Multi-frequency 1024x768 1024x768 at 75Hz (80MHz maximum pixel rate) 1024x768 at 60Hz 55 to 75Hz 30 to 63kHz More than 16 million simultaneous colors VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz	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			
Presets / user settings Brightness Contrast ratio Response time Scaling	XGA: 1024x768 60, 70, 75Hz Standard presets: 11; user settings: 10 250 nits or cd/m² (typical) 450:1 (typical) 25ms (typical) Can expand image of lower addressability to full scre	Integrated cable management in stand for clutter-free desktop Increased contrast ratio and faster response time from previous L150 models			
On screen display Control features Monitor connector Signal cable Anti-reflective/anti-glare Dimensions Weight Viewing adjustments Mounting features Security	On screen display with digital user controls (5 langua Direct access (buttons on front) for auto adjustment a contrast; image horizontal and vertical position; user on screen display (OSD) language selection; menu p information screen; image setup; image size to show reset of geometry and color point to factory default set one connector: analog 15-pin D-shell [blue] Analog cable, detachable, 15-pin D-shell at each end (Anti-reflective / anti-glare 14.6"H x 14.3"W x 8.4"D / 370mm height x 363mm with 10.6 lb / 4.8 kg Tilt: 40° back, 4° forward / no swivel / no lift / detachab Wall or desk mounting using the Radial Arm ⁹ or third-p Security keyhole for attachment of optional cable lock (15 language 15 langu	ges) and brightness; color settings (3 preset + 1 user); osition; normal or expanded format; ettings; lockable settings for analog connector), 1.8 meter, matches color of monitor dth x 214mm depth le stand arty accessories meeting the VESA FPMPMI® std (100mm)			
VESA DDC2B ² VESA DPMS-compliant Power management Ergonomics Emission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	Yes DPMS ENERGY STAR®3 ISO 13406 Part 2¹ MPR-2 / MPR-3A / FCC Class B TCO 99 Monitor; attached stand; Setup Guide; Safety and Warranty Information; CD with multilingual User's Guide, set-up t pattern, and monitor installation files; analog signal cable; 1.8m black power cord 100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off") 3 year (includes backlight) October 2004				
	LIMITED WARRANTY	OPTIONS			

	OPTIONS	
⇒ 3 year limited warranty ⁴	.,	
✓ International Warranty Service ⁵	Kensington® MicroSaver® Security Cable Lock	73P2582
Rapid Replacement Service at 1-800-IBM-SERV (426-7378)	ThinkPad Convertible Monitor Stand	40Y7620
Replacement normally arrives in two business days, excluding holidays	Radial Arm ⁹	19K4464
Lenovo pays all shipping costs for valid warranty claims ⁶		
Service upgrade options:7	Other options at lenovo.com /options	
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		
	I	

Flat Panel Monitors - US models Name L150 Flat Panel Monitor · This small and medium business (SMB) model is part of Case color **Business black** the US Think Express Program Type-model US Govt model (TAA)¹⁰ 9418-AB1 Nο **POSITIONING** Tilt stand included Stand LCD Active Matrix TFT (Thin Film Transistor) Screen • Essential—Exceptional flat panel design that provides 15.0" / 381mm (diagonal) Viewable image size (diag) space savings Pixel pitch (mm) .297mm • TFT essential models offer space savings and quality Max view area (inches) 12.0" x 9.0" (horizontal x vertical) at entry level prices 304mm x 228mm (horizontal x vertical) Max view area (mm) Minimum viewing angle 100° (+55/- 45°) vertical, 130° (+/- 65°) horizontal **FEATURES** Video input Analog • All-purpose 15-inch flat panel LCD monitor incorporates **Dual input** Nο ThinkVantage Design that enhances usability and Multi-frequency Frequency complements the system design Max addressibility 1024x768 Addressability of 1024x768 provides crisp screen images Video input (maximum) 1024x768 at 75Hz (80MHz maximum pixel rate) · Stand tilts for comfortable viewing Corresponding scr refresh 1024x768 at 60Hz Direct access for automatic image setup and brightness Vertical frequency 55 to 75Hz Quick and easy monitor adjustments using new designed Horizontal frequency 30 to 63kHz Display colors (maximum) More than 16 million simultaneous colors on-screen-display 60, 72, 75Hz 640x480 Matching design to ThinkCentre® and ThinkPad® systems Preset display modes VGA: A great replacement for a 15" or 17" CRT monitor 640x350 70Hz 720x400 70Hz Integrated power supply eliminates the bulky power adapter SVGA: 800x600 60, 72, 75Hz for improved cable management XGA: 1024x768 60, 70, 75Hz Lockable digital controls Presets / user settings presets: 11; user settings: 13 • Integrated cable management in stand for clutter-free Brightness 250 nits or cd/m² (typical) desktop Contrast ratio 400:1 (typical) • Replacement for the T541 Monitor 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 One connector: analog 15-pin D-shell [blue] Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Monitor connector Signal cable 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 Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand Weight Viewing adjustments Wall or desk mounting using the Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI® std (100mm) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security VESA DDC2B² VESA DPMS compliant Yes **DPMS** Power management **ENERGY STAR3** ISO 13406 Part 21 **Ergonomics** MPR-2 / MPR-3A / FCC Class B Emission standards Environmental label TCO 99 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 Ship group 100-240Vac (universal) / integrated (no external brick-like power supply) / 30 watts typical (2 watts for "active off") Power supply Limited warranty4 1 year (includes backlight) Available date May 2004

Radial Arm ⁹	19K4464
Kensington® MicroSaver®	- 101
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 entions of	
ienovo.com/options	
	Kensington® MicroSaver® Security Cable Lock 15-inch Flat Panel Monitor Speaker Bezel (slide-on, zero footprint, 2.5 watt

LIMITED WARRANTY

24x78 day toll-free support for warranty issues during the warranty period4

OPTIONS

Flat Panel Monitors - US models			POSITIONING		
Name Case color Type-model US Govt model (TAA) ¹⁰ Stand	L150p Flat Panel Monito Business black 6636-HB1 No Tilt/swivel and height ad	6636-HK1 Yes ¹⁰	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		
Screen	LCD Active Matrix TFT (Thin Film Transistor) 15.0" / 381mm (diagonal) .297mm 12.0" x 9.0" (horizontal x vertical) 304mm x 228mm (horizontal x vertical) 115° (+/- 57.5°) vertical, 150° (+/- 75°) horizontal Digital or analog (two separate connectors) Dual input (two different PCs attach to two differen				
Frequency Max addressibility Video input (maximum) Corresponding scr refresh Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes Presets / user settings Brightness Contrast ratio Response time Scaling	Multi-frequency (supports 1024x768 1024x768 at 75Hz (80MH 1024x768 at 60Hz 55 to 75Hz 30 to 63kHz	Itaneous colors 75Hz 75Hz 75Hz r settings: 13	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		
On screen display Control features	On screen display with dig controls (5 languages)	gital user front) for auto adjustment,	for improved cable management Integrated cable management in stand for clutter-free desktop Replacement for the T541H Monitor		
Monitor connectors Signal cable Anti-reflective / anti-glare Dimensions Weight Viewing adjustments Mounting features Security	brightness, and input sele user color settings (3 pres menu position; information reset of geometry and color Two connectors: (1) analog cable, detachable, for digital attachment, a vio Anti-reflective / anti-glare 12.4"H min lift (17.3" max l 11.7 lb / 5.3 kg Tilt: 30° back, 0° forward / Wall or desk mounting usin	ct; contrast; image horizonts et + 1 user); on screen disp n screen; image setup; image or point to factory default se og 15-pin D-shell [blue], (2) [15-pin D-shell at each end (deo cable with DVI-D on both lift) x 14.3"W x 9.3"D / 315mi lift; 4.9" (125mm) / swivel: +/ng the Radial Arm ⁹ or third-p	olay (OSD) language selection; ge size to show normal or expanded format; titings; lockable settings Digital Visual Interface (DVI-D) for digital (not analog) attach [white] for analog connector), 1.8 meter, matches color of monitor / n ends must be supplied by the customer m min lift (440mm max lift) height x 364mm width x 237mm depth		
VESA DDC2B ² VESA DPMS-compliant Power management Ergonomics Emmission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	pattern, and monitor insta	Setup Guide; Safety and Wa llation files; analog signal ca integrated (no external brid	urranty Information; CD with multilingual User's Guide, set-up test able; 1.8m black power cord .k-like power supply) / 30 watts typical (2 watts for "active off")		
	LIMITEDWARRANTY		OPTIONS		

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 ThinkPad Convertible Monitor Stand Radial Arm9

73P2582 40Y7620 19K4464

Other options at lenovo.com/options

(L150P) January 2006

Flat Panel Monitors - US model				
Name Case color	L151 Flat Panel Monitor Business black	POSITIONING		
Type-model US Govt model (TAA) ¹⁰ Stand Screen Viewable image size (diag)	9205-AB2 9205-AB6 No Tilt stand included LCD Active Matrix TFT (Thin Film Transistor) 15.0" / 381mm (diagonal)	Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry level prices		
Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR Video input Dual input Rotating screen	12.0" x 9.0" (horizontal x vertical) 304mm x 228mm (horizontal x vertical) 140° (+80°/- 60°) vertical, 160° (+/- 80°) horizontal 100° (+/- 50°) vertical, 120° (+/- 60°) horizontal Analog No No pivot	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		
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes Presets / user settings Brightness	1024x768 at 60Hz 1024x768 at 75Hz (80MHz maximum pixel rate) 55 to 75Hz 30 to 63kHz More than 16 million simultaneous colors VGA: 640x480 60, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75Hz Standard presets: 12; user settings: 10 250 pits or cd/m² (typical)	 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 		
Contrast ratio Response time Scaling	250 nits or cd/m² (typical) 450:1 (typical) 16ms (typical) Can expand image of lower resolution to full screen of 1024x768			
On screen display Control features Monitor connector Signal cable Anti-reflective/anti-glare Dimensions Weight Viewing adjustments Mounting features Security	Anti-reflective / anti-glare AB2: 13.6"H x 13.3"W x 6.5"D / 344mm height x 338 AB6: 13.6"H x 13.3"W x 6.1"D / 344mm height x 338 AB2: 7.9 lb / 3.6 kg AB6: 7.7 lb / 3.5 kg Tilt: 40° back, 4° forward / no swivel / no lift / detachab Wall or desk mounting using the Radial Arm ⁹ or third-p Security keyhole for attachment of optional cable lock	ind brightness; color settings (3 preset + 1 user); osition; normal or expanded format; ettings; lockable settings for analog connector), 1.8 meter, matches color of monitor form width x 165mm depth form width x 156mm depth		
VESA DDC² VESA DPMS compliant Power management Ergonomics Pixel defect Emission standards Environmental / RoHS Ship group Power supply Limited warranty⁴ Available date	pattern, and monitor installation files; analog signal care	arranty Information; CD with multilingual User's Guide, set-up test able; 1.8m black power cord ck-like power supply) / 30 watts typical (2 watts for "active off")		
⇒ 3-year limited warrant	LIMITED WARRANTY	OPTIONS		

 ⇒ 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 	ThinkVision® USB Soundbar Kensington® MicroSaver® Security Cable Lock ThinkPad Convertible Monitor Stand ThinkVision TFT Radial Arm®	40Y7616 73P2582 40Y7620 19K4464
 3-year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) 	Other options at lenovo.com /options	
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 period ⁴		

		POSITIONING		
Name Case color Type-model Stand	L151p Flat Panel Monitor Business black 9205-HB2 Tilt, swivel, pivot, height adjustable stand	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 DESCRIPTION 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). FEATURES		
Screen	LCD Active Matrix TFT (Thin Film Transistor) 15.0" / 381mm (diagonal)			
Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR Video input Dual input	297mm 12.0" x 9.0" (horizontal x vertical) 304mm x 228mm (horizontal x vertical) 170° (+/- 85°) vertical, 170° (+/- 85°) horizontal 100° (+/- 50°) vertical, 120° (+/- 60°) horizontal Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)			
Sync on green	Yes	All-nurnose 15-inch flat nanel I CD monitor incorporates		
Rotating screen Optimum resolution	Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) 1024x768 at 60Hz	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 Frgonomic 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		
Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1024x768 at 75Hz (80MHz maximum pixel rate) 55 to 75Hz 30 to 63kHz			
Presets / user settings Brightness Contrast ratio Response time Scaling	XGA: 1024x768 60, 70, 75Hz Standard presets: 12; user settings: 10 250 nits or cd/m² (typical) 450:1 (typical) 16ms (typical) Can expand image of lower resolution to full screen of 1280x1024			
On screen display Control features Monitor connectors Signal cable Anti-reflective / anti-glare Dimensions Weight Viewing adjustments Mounting features Security	On screen display with digital user controls (6 languages) 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 Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white] 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 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 8.8 lb / 4.0 kg Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)			
VESA DDC ² VESA DPMS compliant Power management Ergonomics Pixel defect Emmission standards Environmental / RoHS Ship group Power supply Limited warranty ⁴ Available date	pattern, and monitor installation files; analog signal ca	arranty Information; CD with multilingual User's Guide, set-up test able; 1.8m black power cord ck-like power supply) / 30 watts typical (2 watts for "active off")		
	LIMITED WARRANTY	OPTIONS		
3 year limited warrant	ty ⁴			

LIMITEDWARKANTT	OPTIONS		
 ⇒ 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 	ThinkVision® USB Soundbar Kensington® MicroSaver® Security Cable Lock ThinkPad Convertible Monitor Stand ThinkVision TFT Radial Arm® Other options at lenovo.com/options	40Y7616 73P2582 40Y7620 19K4464	

Flat Panel Monitors - US models Name L170 Flat Panel Monitor **POSITIONING Business black** Case color Type-model US Govt model (TAA)¹⁰ 6734-AC0 • Essential—Exceptional flat panel design that provides Nο space savings Tilt stand included Stand • TFT essential models offer space savings and quality at LCD Active Matrix TFT (Thin Film Transistor) Screen entry-level prices 17.0" / 432mm (diagonal) Viewable image size (diag) Pixel pitch (mm) .264mm **FEATURES** 13.3" x 10.6" (horizontal x vertical) Max view area (inches) 338mm x 270mm (horizontal x vertical) • All-purpose 17-inch flat panel LCD monitor incorporates Max view area (mm) ThinkVantage Design that enhances usability and Minimum viewing angle 135° (+75°/- 60°) vertical, 150° (+/- 75°) horizontal complements the system design Video input Analog Addressability of 1280x1024 provides crisp screen images **Dual input** No Stand tilts for comfortable viewing Frequency Multi-frequency • Direct access for automatic image setup and brightness Max addressibility 1280x1024 Quick and easy monitor adjustments using new designed Video input (maximum) 1280x1024 at 75Hz (135MHz maximum pixel rate) on-screen-display 1280x1024 at 60Hz Corresponding scr refresh Matching design to ThinkPad® and ThinkCentre® systems A great replacement for a 17" or 19" CRT monitor Vertical frequency 55 to 76Hz Horizontal frequency 31 to 81kHz Display colors (maximum) More than 16 million simultaneous colors Scaling allows full screen viewing of resolutions less than Preset display modes 640x480 VGA: 60, 66 (Mac), 72, 75Hz 640x350 70Hz • Integrated power supply eliminates the bulky power adapter 720x400 70Hz for improved cable management SVGA: 800x600 60, 72, 75Hz Lockable digital controls 75Hz (Mac) 60, 70, 75, 75 (Mac) Hz 832x624 Integrated cable management in stand for clutter-free desktop XGA: 1024x768 1152x864 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 21; user settings: 15 Presets / user settings Brightness 300 nits or cd/m² (typical) Contrast ratio 500:1 (typical) Responsetime 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) Direct access (buttons on front) for auto adjustment and brightness; contrast; image horizontal and vertical position; user color settings (3 preset + 1 user); Control features 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 One connector: analog 15-pin D-shell [blue] Monitor connector Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Signal cable Anti-reflective / anti-glare 16.2"H x 15.7"W x 8.6"D / 411mm height x 400mm width x 218mm depth Anti-reflective/anti-glare **Dimensions** Tilt: 40° back, 4° forward / no swivel / no lift / detachable stand Weight Viewing adjustments Wall or desk mounting using the Radial Arm⁹ or third-party accessories meeting the VESA FPMPMI® std (100mm) Mounting features Security Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) VESA DDC2B² VESA DPMS-compliant Yes DPMS Powermanagement **ENERGY STAR³** ISO 13406 Part 21 Ergonomics MPR-2 / MPR-3A / FCC Class B **Emission standards** Environmental label TCO 99

LIMITED WARRANTY
⇒ 3 year limited warranty ⁴
Rapid Replacement Service at 1-800-IBM-SERV (426-7378)
Replacement normally arrives in two business days, excluding ho

olidays Lenovo pays all shipping costs for valid warranty claims⁶

3 year (includes backlight)

Service upgrade options:

July 2004

Ship group

Power supply Limited warranty4

Available date

· 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 period

OPTIONS

ThinkVision TFT Radial Arm9 19K4464 Kensington MicroSaver Security Cable Lock 73P2582

Other options at lenovo.com/options

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 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off")

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

Flat Panel N	Monitors - US model ————————————————————————————————————		
Name Case color Type-model US Govt model (TAA) ¹⁰ Stand Screen	L170m Flat Panel Monitor Business black 6734-LB1 No Tilt stand included LCD Active Matrix TFT (Thin Film Transistor)	space savings	POSITIONING onal flat panel design that provides Is offer space savings and quality at
Viewable image size (diag) Pixel pitch (mm) Max view area (inches) Max view area (mm) Minimum viewing angle Video input Dual input	17.0" / 432mm (diagonal) .264mm 13.3" x 10.6" (horizontal x vertical) 338mm x 270mm (horizontal x vertical) 130° (+70°/- 60°) vertical, 150° (+/- 75°) horizontal Analog No	All-purpose 17-inch speakers incorporat enhances usability a	FEATURES flat panel LCD monitor with integrated tes ThinkVantage Design that and complements the system design tt speakers eliminate the need for desktop
Frequency Max addressibility Video input (maximum) Corresponding scr refresh Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	55 to 76Hz 31 to 81kHz	speakers Integrated speakers power button, powe private listening Addressability of 12 Stand tilts for comfo Direct access for au Quick and easy mor on-screen-display Matching design to A great replacemen Scaling allows full s 1280x1024	peakers have wheel volumne control button, n, power light, and two headphone jacks for ning ity of 1280x1024 provides crisp screen images or comfortable viewing as for automatic image setup and brightness asy monitor adjustments using new designed isplay sign to ThinkPad® and ThinkCentre® systems accement for a 17" or 19" CRT monitor ws full screen viewing of resolutions less than
Presets / user settings Brightness Contrast ratio Response time Scaling	SXGA: 1280x1024 60, 75 Hz Standard presets: 18; user settings: 20 300 nits or cd/m² (typical) 450:1 (typical) 16ms (typical) Can expand image of lower addressability to full screen	for improved cable n Lockable digital con Integrated cable ma	
Speakers Speaker controls Speaker volume control Speaker headphone jacks	Two stereo 2-watt per channel speakers (mounted o Audio power on button (lock type) and green LED on Wheel volume control (on right side) Two stereo 3.5 mm headphone jacks (left and right s	indicator (on right side))
On screen display Control features Monitor connector Signal cable Anti-reflective / anti-glare Dimensions Weight Viewing adjustments Mounting features Security	rect access (buttons on front) for auto adjustment and brightness; ntrast; image horizontal and vertical position; user color settings (3 preset + 1 user); screen display (OSD) language selection; menu position; ormation screen; image setup; image size to show normal or expanded format; set of geometry and color point to factory default settings; lockable settings ne connector: analog 15-pin D-shell [blue] halog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monito nti-reflective/anti-glare 1.2"H x 16.1"W x 8.7"D / 412mm height x 409mm width x 222mm depth 1.5 lb / 6.6 kg 1: 40° back, 4° forward / no swivel / no lift / detachable stand all or desk mounting using the Radial Arm³ or third-party accessories meeting the VESA FPMPMI® std (100m) accurity keyhole for attachment of optional cable lock (Kensington® lock-compatible)		
VESA DDC2B² VESA DPMS-compliant Power management Ergonomics Emission standards Environmental label Ship group Power supply Limited warranty⁴ Available date	Yes DPMS ENERGY STAR³ ISO 13406 Part 2¹ MPR-2 / MPR-3A / FCC Class B TCO 99 Monitor, attached stand, Setup Guide, Safety and Wa CD with multilingual User's Guide and monitor install attached 1.8m black audio cable with 3.5 mm stereo 100-240Vac (universal) / integrated (no external bri 3 year (includes backlight) August 2004	arranty Information, ation files, analog signa plug	al cable, 1.8m black power cord,
	LIMITEDWARDANTY		OPTIONS

LIMITED WARRANTY OPTIONS 3 year limited warranty⁴ Kensington® MicroSaver® Security Cable Lock ➡ International Warranty Service⁵ 73P2582 Rapid Replacement Service at 1-800-IBM-SERV (426-7378) ThinkPad Convertible Monitor Stand Replacement normally arrives in two business days, excluding holidays 40Y7620 Lenovo pays all shipping costs for valid warranty claims⁶ ThinkVision TFT Radial Arm9 19K4464 Service upgrade options:7 • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209) Other options at lenovo.com/options • 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

Flat Panel Monitors - US models		POSITIONING
Name Case color Type-model US Govt model (TAA) ¹⁰	L170p Flat Panel Monitor Business black 6734-HB0 6734-HK0 No Yes ¹⁰	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.
Stand Screen	Tilt/swivel and height adjustable stand included LCD Active Matrix TFT (Thin Film Transistor)	DESCRIPTION
Viewable image size (diag) Pixel pitch (mm) Max view area (inches) Max view area (mm) Minimum viewing angle Video input		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). FEATURES
Frequency Max addressibility Video input (maximum) Corresponding scr refresh Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	55 to 76Hz 31 to 81kHz More than 16 million simultaneous colors 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	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)
Presets / user settings Brightness Contrast ratio Cell response time Scaling	SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 20; user settings: 15 250 nits or cd/m² (typical) 500:1 (typical) 25ms (typical) Can expand image of lower addressability to full scre-	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
On screen display	On screen display with digital user controls (5 langua	
Monitor connectors Signal cable Anti-reflective / anti-glare Dimensions Weight Viewing adjustments	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 Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white] 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 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 12.6 lbs / 5.7 kg Tilt: 30° back, 0° forward / lift: 3.9" (100mm) / swivel: +/-135° / detachable stand Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPMI® std (100mm)	
Mounting features Security	Security keyhole for attachment of optional cable lock (
VESA DDC2B ² VESA DPMS compliant Power management Ergonomics Emission standards Environmental label	Yes DPMS ENERGY STAR³ ISO 13406 Part 2¹ MPR-2 / MPR-3A / FCC Class B TCO 99 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 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (3 watts for "active off") 3 year (includes backlight) May 2003 September 2003	
3 year limited warrant	LIMITED WARRANTY	OPTIONS

- ➡ 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

ThinkVision TFT Radial Arm⁹ 19K4464 Kensington[®] MicroSaver[®] Security Cable Lock 73P2582

Other options at lenovo.com/options

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 **POSITIONING** Business black Case color Type-model US Govt model (TAA)¹⁰ 9417-AB1 | 9417-AC1 • Essential—Exceptional flat panel design that provides space savings Tilt stand included Stand • TFT essential models offer space savings and quality at LCD Active Matrix TFT (Thin Film Transistor) Screen entry-level prices 17.0" / 432mm (diagonal) Viewable image size (diag) Pixel pitch (mm) .264mm **FEATURES** 13.4" x 10.7" (horizontal x vertical) 340mm x 272mm (horizontal x vertical) Max view area (inches) Max view area (mm) All-purpose 17-inch flat panel LCD monitor incorporates AC1: 160° (+/- 80°) vertical, 160° (+/- 80°) horizontal AB1: 135° (+75°/- 60°) vertical, 140° (+/- 70°) horizontal AC1: 130° (+63°/- 67°) vertical, 140° (+/- 70°) horizontal ThinkVantage Design that enhances usability and Viewing angle at 5:1 CR complements the system design Viewing angle at 10:1 CR Ultra slim bezel (14mm / .55") Resolution of 1280x1024 provides crisp screen images Video input Analog Dual input No Stand tilts for comfortable viewing Direct access for automatic image setup and brightness Optimum resolution 1280x1024 at 60Hz Quick and easy monitor adjustments using Maximum resolution 1280x1024 at 76Hz (140MHz maximum pixel rate) Vertical frequency 55 to 76Hz on-screen-display Matching design to ThinkPad® and ThinkCentre® systems Horizontal frequency 31 to 81kHz Display colors (maximum) More than 16 million simultaneous colors A great replacement for a 17" or 19" CRT monitor 640x480 640x350 60, 72, 75Hz 70Hz Scaling allows full screen viewing of resolutions less than Preset display modes VGA: 1280x1024 720x400 70Hz Integrated power supply eliminates the bulky power SVGA: 800x600 60, 72, 75Hz XGA: 1024x768 60, 70, 75 Hz SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz adapter for improved cable management Lockable digital controls • Replacement for ThinkVision L170 monitor Standard presets: 15; user settings: 20 270 nits or cd/m² (typical) Presets / user settings Brightness Contrast ratio 500:1 (typical) Response time 8ms (typical) Scaling Can expand image of lower resolution to full screen of 1280x1024 On screen display with digital user controls (6 languages) Direct access (buttons on front) for auto adjustment and brightness; On screen display 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 One connector: analog 15-pin D-shell [blue] Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor Monitor connector Signal cable Anaiog cable, detachable, 15-pin D-shell at each end (for anaiog connector), 1.8 meter, matches color of monitor Anti-reflective / anti-glare 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 AB1: 10.1 lb / 4.6 kg; AC1: 11.2 lb / 5.1 kg Tilt: 30° back, 4° forward / no swivel / no lift / detachable stand Wall or desk mounting using the TFT Radial Arm⁹ or third year coessories meeting the VESA FPMPMI® (100mm mount) Anti-reflective / anti-glare **Dimensions** Weight Viewing adjustments Mounting féatures Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Security VESA DDC² 2B/CI VESA DPMS-compliant DPMS **ENERGY STAR³** Power management ISO 13406 Part 21 **Ergonomics** ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B Pixel defect Emission standards MPR-2/ MPR-3A / FCC class B TCO 99 / RoHS (EU Directive 2002/95/EC) 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 100-240/vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (<2 watts for "active off") **Environmental label** Ship group Power supply Limited warranty⁴ Available date 3 year (includes backlight) July 2005 | June 2006 **LIMITED WARRANTY OPTIONS**

⇒ 3 year limited warranty ⁴	ThinkVision® USB Soundbar	40Y7616
➡ International Warranty Service ⁵	Kensington® MicroSaver® Security Cable Lock	73P2582
Rapid Replacement Service at 1-800-IBM-SERV (426-7378)	ThinkPad Convertible Monitor Stand	40Y7620
Replacement normally arrives in two business days, excluding holidays	ThinkVision TFT Radial Arm9	19K4464
Lenovo pays all shipping costs for valid warranty claims ⁶		
Service upgrade options: ⁷	Other options at lenovo.com /options	
Service appraise options.		
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		

See footnotes for important warranty information

Flat Panel Monitors - US models		POSITIONING
Name	L171p Flat Panel Monitor	Performance—Advanced flat panel design features provides
Case color	Business black	space savings and performance.
Type-model	9417-HB7 9417-HB2	 TFT performance models offer tilt, swivel, pivot, and height
Stand	Tilt, swivel, pivot, height adjustable stand	adjustments, plus analog and digital system attachments.
Screen	LCD Active Matrix TFT (Thin Film Transistor)	DESCRIPTION
	17.0" / 432mm (diagonal)	DESCRIPTION
Pixel pitch (mm)	.264mm	• The L171p is a hybrid monitor. It has both an analog (15-pin
Max view area (inches)	13.4" x 10.7" (horizontal x vertical)	D-shell) and digital (Digital Visual Interface [DVI-D]) `
Max view area (mm)	340mm x 272mm (horizontal x vertical)	connector on the back of the monitor. This allows one
Viewing angle at 5:1 CR	HB7: 155° (+85°/- 70°) vertical, 170° (+/- 85°) horiz	monitor to connect to different types of graphics adapters;
	HB2: 160° (+/- 80°) vertical, 160° (+/- 80°) horiz	this can be from one analog input and one digital input (it can
Viewing angle at 10:1 CR	HB7: 135° (+75°/-60°) vertical, 150° (+/-75°) horiz	not accept two analog inputs).
	HB2: 130° (+70°/- 60°) vertical, 140° (+/- 70°) horiz	FEATURES
Video input	Digital or analog (two separate connectors)	FEATURES
Dualinput	Dual input (two different PCs attach to two different	General purpose 17-inch flat panel LCD monitor incorporates
	connectors; one PC shows image; select via button)	ThinkVantage Design that enhances usability and
Sync on green	Yes	complements the system design
Rotatingscreen	Screen pivots 90 degrees from landscape to	Ultra narrow bezel [HB7: 14mm (.55"); HB2: 16mm (.63")]
	portrait (requires image rotation support from	Resolution of 1280x1024 provides crisp screen images
	graphics controller)	Ergonomic stand tilts, swivels, pivots and provides a 110mm
Optimum resolution	1280x1024 at 60Hz	range height adjustment for comfortable viewing
Maximum resolution	1280x1024 at 76Hz (135MHz maximum pixel rate)	Direct access for automatic image setup, brightness and
Vertical frequency	55 to 76Hz	input selection
Horizontal frequency	31 to 81kHz	Quick and easy monitor adjustments on-screen-display
	More than 16 million simultaneous colors	A great replacement for a 17" or 19" CRT monitor
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz	Includes dual input connection for attachment to two
1 Teset display Triodes	640x350 70Hz	systems concurrently (analog and digital)
	720x400 70Hz	Integrated power supply eliminates the bulky power adapter
	SVGA: 800x600 60, 72, 75Hz	for improved cable management
	XGA: 1024x768 60.70.75Hz	Matching design to ThinkPad® and ThinkCentre® systems
	SXGA: 1280x1024 60, 70, 72, 75, 76 Hz	Replacement for ThinkVision L170p
Presets / user settings	Standard presets: 17; user settings: 20	* Replacement of Think vision E17 op
Brightness	300 nits or cd/m² (typical)	
Contrast ratio	700:1 (typical) 500:1 (typical)	
Response time	8ms (typical)	
On screen display	On screen display with digital user controls (6 langua	ges)
Control features	Direct access (buttons on front) for auto adjustment, I	brightness, and input select;
	contrast; image horizontal and vertical position; user	
	on screen display (OSD) language selection; menu p	osition;
	information screen; image setup; image size to show	
	reset of geometry and color point to factory default se	ettings; 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	h 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 / 383m	m 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		arty accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock	(Kensington® lock-compatible)
VESA-compliant ²	VESA DDC2B/Cland VESA DPMS-compliant	
Powermanagement	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	
h 31.00h	Guide and monitor installation files, analog signal cable, 1.8m black power cord	
Power supply		
Limited warranty ⁴	3 year (includes backlight)	
Available date	July 2005 February 2006	
Available date	1 1 651 uai y 2000	
	LIMITED WARRANTY	OPTIONS
⇒ 3 year limited warranty ⁴		
A Kear limited warrant	V.	I

- 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

ThinkVision® USB Soundbar 40Y7616
Kensington® MicroSaver® Security Cable Lock 73P2582
ThinkPad Convertible Monitor Stand 40Y7620
ThinkVision TFT Radial Arm9 19K4464

Other options at lenovo.com/options

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Flat Panel Monitors - US model		POSITIONING
Name Case color Type-model US Govt model (TAA) ¹⁰ Stand Screen Viewable image size (diag) Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 10:1 cr Video input Dual input Sync on green	L190 Flat Panel Monitor Business black 9329-AB9 9329-AP9 No Tilt stand included LCD Active Matrix TFT (Thin Film Transistor) 19.0" / 483mm (diagonal) .294mm 14.9" x 11.9" (horizontal x vertical) 379mm x 304mm (horizontal x vertical) 140° (+/- 70°) vertical, 140° (+/- 70°) horizontal Analog No Yes	Essential—Exceptional flat panel design that provides space savings TFT essential models offer space savings and quality at entry level prices FEATURES 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
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1280x1024 at 60Hz 1280x1024 at 76Hz (135MHz maximum pixel rate) 55 to 76Hz 30 to 83kHz More than 16 million simultaneous colors VGA: 640x480 60, 66 (Mac), 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 60, 72, 75Hz 832x624 75Hz (Mac)	 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
Presets / user settings Brightness Contrast ratio Response time	XGA: 1024x768 60, 70, 75Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 70, 72, 75, 76 (Sun) Hz Standard presets: 20; user settings: 10 250 nits or cd/m² (typical) 500:1 (typical) 12ms (typical)	
On screen display Control features Monitor connector Signal cable Anti-reflective / anti-glare Dimensions Weight Viewing adjustments Mounting features Security	On screen display with digital user controls (6 languages) 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 One connector: analog 15-pin D-shell [blue] Analog cable, detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
VESA DDC2B² VESA DPMS-compliant Power management Ergonomics Pixel defect Emission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	monitor installation files, analog signal cable, 1.8m b	ctive 2002/95/EC) arranty Information, CD with multilingual User's Guide and

 ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ 	Kensington® MicroSaver® Security Cable Lock	73P2582
Rapid Replacement Service at 1-800-IBM-SERV (426-7378)	ThinkPad Convertible Monitor Stand Radial Arm ⁹	40Y7620 19K4464
Replacement normally arrives in two business days, excluding holidays	Radial Attil	13114404
Lenovo pays all shipping costs for valid warranty claims ⁶	Other options at lenovo.com/options	
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 period		

LIMITED WARRANTY

OPTIONS

Flat Panel Monitors - US models		POSITIONING
Name Case color Type-model Stand	L191p Flat Panel Monitor Business black 9419-HB7 Tilt/swivel and height adjustable stand included	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.
Screen	LCD Active Matrix TFT (Thin Film Transistor)	DESCRIPTION
Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 10:1 CR Video input Dual input	Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	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). FEATURES
Sync on green	Yes	
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1280x1024 at 60Hz 1280x1024 at 76Hz (135MHz maximum pixel rate) 55 to 76Hz 31 to 81kHz More than 16 million simultaneous colors 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 1152x800 75Hz 1152x900 66Hz SYGA: 1280x1024 60, 72, 75 76 (Sup) Hz	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 Frgonomic 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
Presets / user settings Brightness Contrast ratio Response time	SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 21; user settings: 15 250 nits or cd/m² (typical) 1000:1 (typical) 20ms (typical)	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
On screen display	On screen display with digital user controls	Replacement of ThinkVision E190p
Control features Monitor connectors Signal cables	(5 languages) 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 Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white] Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective/anti-glare Dimensions Weight Viewing adjustments Mounting features	(2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor Anti-reflective / anti-glare 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 15.7 lb / 7.1kg Tilt: 30° back, 0° forward / lift: 3.7" (95mm) / swivel: +/-135° / detachable stand Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA EPMPMI® (100mm mount)	
VESA DDC2B² VESA DPMS-compliant Power management Ergonomics Pixel defect Emission standards Environmental label Ship group Power supply Limited warranty⁴ Available date	Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Yes DPMS ENERGY STAR ³ ISO 13406 Part 2¹ ISO 13406-2 Class II pixel defect standard MPR-2 / MPR-3A / FCC Class B TCO 99 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 100-240Vac (universal) / integrated (no external brick-like power supply) / 40 watts typical (2 watts for "active off") 3 year (includes backlight) November 2004	
	LIMITEDWARRANTY	OPTIONS

- 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

Kensington® MicroSaver® Security Cable Lock 73P2582 ThinkPad Convertible Monitor Stand 40Y7620 Radial Arm9 19K4464

Other options at lenovo.com/options

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Flat Panel Monitors - US models		POSITIONING
Name Case color Type-model Stand	L192p Flat Panel Monitor Business black 9419-HB2 Tilt, swivel, pivot, and height adjustable stand	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.
Screen	LCD Active Matrix TFT (Thin Film Transistor) 19.0" / 483mm (diagonal)	DESCRIPTION
Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR Video input	.29mm 14.9" x 11.9" (horizontal x vertical) 378mm x 303mm (horizontal x vertical) 170° (+/- 85°) vertical, 170° (+/- 85°) horizontal 170° (+/- 85°) vertical, 170° (+/- 85°) horizontal Digital or analog (two separate connectors)	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).
Dualinput	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	FEATURES
Sync on green Rotating screen	Yes Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	All-purpose 19-inch flat panel monitor that incorporates ThinkVantage Design Ultra narrow bezel (15mm / 0.59") Carrying handle
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1280x1024 at 60Hz 1280x1024 at 76Hz (135MHz maximum pixel rate) 56 to 76Hz 30 to 81kHz More than 16 million simultaneous colors 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	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
Presets / user settings Brightness Contrastratio Response time	SXGA: 1280x1024 60, 72, 75, 76 (Sun) Hz Standard presets: 21; user settings: 17 250 nits or cd/m² (typical) 1000:1 (typical) 20ms (typical)	
On screen display Control features Monitor connectors Signal cables	On screen display with digital user controls (6 languages) 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 Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white] Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective/anti-glare Dimensions Weight Viewing adjustments Mounting features Security	(2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor Anti-reflective / anti-glare 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 13.2 lb / 6.0kg Tilt: 30° back, 0° forward / lift: 4.3" (110mm) / swivel: +/-45° / detachable stand Wall or desk mounting using the Radial Arm ⁹ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
VESA-compliant ² Power management Ergonomics Pixel defect Emission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	monitor installation files, analog signal cable, digital s	nranty Information, CD with multilingual User's Guide and ignal cable, 1.8m black power cord sk-like power supply) / 40 watts typical (2 watts for "active off")
	LIMITEDWARRANTY	OPTIONS
⇒ 3 year limited warranty ⁴		Think\/ision® LISB Soundbar 40V7616

- 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

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

Other options at lenovo.com/options

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 **POSITIONING** Business black Case color Type-model 6736-HC9 • Performance—Advanced flat panel design features provides Stand Tilt/swivel and height adjustable stand included space savings and performance. LCD Active Matrix TFT (Thin Film Transistor) Screen TFT performance models offer tilt, swivel, and height **20.1"/511mm** (diagonal) Viewable image size (diag) adjustments, plus analog and digital system attachments Pixel pitch (mm) .255mm 16.0" x 12.0" (horizontal x vertical) 408mm x 306mm (horizontal x vertical) 176° (+/- 88°) vertical, 176° (+/- 88°) horizontal **DESCRIPTION** Max view area (inches) Max view area (mm) • The L200p is a hybrid monitor. It has both an analog (15-pin Minimum viewing angle D-shell) and digital or analog (Digital Visual Interface [DVI-I]) connector on the back of the monitor. This allows one Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Video input **Dual input** monitor to connect to different types of graphics adapters. **FEATURES** Frequency Multi-frequency (supports sync on green) Max addressibility 1600x1200 • 20.1-inch flat panel monitor is designed for advanced Video input (analog max) Video input (digital max) 1600x1200 at 60Hz (162MHz maximum pixel rate) 1600x1200 at 60Hz (130MHz maximum pixel rate) graphics applications Addressability of 1600x1200 provides crisp screen images Corresponding scr refresh 1600x1200 at 60Hz Ergonomic stand swivels, tilts and provides height adjustment for comfortable viewing Vertical frequency Horizontal frequency 56 to 85Hz Analog: 31 to 94kHz; Digital: 31 to 75kHz Quick and easy monitor adjustments using new designed 16.7 million simulataneous colors VGA: 640x480 60, 66, 75, 85 Display colors (maximum) on-screen-display 60, 66, 75, 85Hz Preset display modes A great replacement for a 19" or 21" CRT monitor 640x350 70Hz Scaling allows full screen viewing of resolutions less than 720x400 70Hz 1600x1200 SVGA: 800x600 56, 60, 72, 75, 85Hz 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 add 832x624 75Hz XGA: 1024x768 60, 70, 75, 85Hz 1152x870 75Hz 1152x900 66Hz SXGA: 1280x1024 60, 75Hz UXGA: 1600x1200 60Hz Integrated power supply eliminates the bulky power adapter Presets / user settings Standard presets: 21; user settings: 10 for improved cable management Brightness 250 nits or cd/m² (typical) Lockable digital controls Contrast ratio 400:1 (typical) Complements the ThinkCentre™ and ThinkPad® systems Response time 25ms (týpical) Scaling Can expand image of lower addressability to full screen of 1600x1200 On screen display with digital user controls (6 languages) 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; On screen display Control features information screen; image setup; image size to show normal or expanded format; reset of geometry and color point to factory default settings; lockable settings (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-I) for analog or digital attach [white] (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 Two connectors: Monitor connectors Signal cable Two cables: Anti-reflective / anti-glare 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 Anti-reflective/anti-glare Dimensions Weight 20.9 lb / 9.5 kg Tilt: 30° back, 0° forward / lift: 3.1" (80mm) / swivel: +/-45° / detachable stand Wall or desk mounting using the Radial Arm9 or third-party accessories meeting the VESA FPMPMI standard Viewing adjustments Mounting features Security Security Security keyhole for attachment of optional cable lock (such as Kensington Microsaver lock) VESA DDC2B2 Yes VESA DPMS-compliant **DPMS** Powermanagement ENERGY STAR³ ISO 13406 Part 2¹ MPR-2/MPR-3A Ergonomics **Emmission standards** Environmental label TCO 99 Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and Ship group monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord 100-240Vac (universal) / integrated (no external brick-like power supply) / 65 watts typical (3 watts for "active off") Power supply Limited warranty4 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:
 - · 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 Arm9

19K4464

Other options at lenovo.com/options

Flat Panel Monitors - US model		
Name Case color Type-model Stand Screen Viewable image size (diag) Pixel pitch (mm)	L201p Flat Panel Monitor Business black 9320-HB1 Tilt, swivel, pivot, and height adjustable stand LCD Active Matrix TFT (Thin Film Transistor) 20.1"/511mm (diagonal) .255mm	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
Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR Video input Dual input	16.1" x 12.1" (horizontal x vertical) 410mm x 308mm (horizontal x vertical) 178° (+/- 89°) vertical, 178° (+/- 89°) horizontal 178° (+/- 89°) vertical, 178° (+/- 89°) horizontal Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	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
Sync on green Rotating screen	Yes Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)	 20.1-inch flat panel monitor is designed for advanced graphics applications and incorporates ThinkVantage Design Ultra narrow bezel (17mm / .66") Carrying handle
Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Display colors (maximum) Preset display modes	1600x1200 at 60Hz 1600x1200 at 60Hz (165MHz maximum pixel rate) 56 to 85Hz Analog: 31 to 94kHz; Digital: 30 to 81kHz 16.7 million simultaneous colors 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	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
Presets / user settings Brightness Contrast ratio Response time	Standard presets: 23; user settings: 10 300 nits or cd/m² (typical) 700:1 (typical) 16ms (typical)	
On screen display Control features Monitor connectors Signal cable	On screen display with digital user controls (6 languages) 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 Two connectors: (1) analog 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital attach [white] Two cables: (1) detachable, 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor	
Anti-reflective/anti-glare Dimensions Weight Viewing adjustments Mounting features Security	(2) detachable digital, DVI-D at each end (for digital connector), 2.0 meter, matches color of monitor Anti-reflective / anti-glare 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 19 lb / 8.5 kg Tilt: 30° back, 0° forward / lift: 3.1" (80mm) / swivel: +/-45° / detachable stand Wall or desk mounting using the Radial Arm³ or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (such as Kensington Microsaver lock)	
VESA-compliant ² Power management Ergonomics Pixel defect Emmission standards Environmental label Ship group Power supply Limited warranty ⁴ Available date	monitor installation files, analog signal cable, digital s	urranty Information, CD with multilingual User's Guide and ignal cable, 1.8m black power cord sk-like power supply) / 60 watts typical (3 watts for "active off")
LIMITED WARRANTY		OPTIONS

- 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

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

Other options at lenovo.com/options

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