

New levels of performance and manageability at surprisingly affordable prices



IBM PC 300GL with Pentium II processors

Highlights

Superb performance and value

The new IBM PC 300GL models feature an Intel® Pentium II® processor and AGP graphics to deliver excellent performance at surprisingly competitive prices.

State-of-the-art manageability

IBM offers a complete package of tools that allow remote and unattended management of your systems. IBM's Wake on LAN technology and LANClient Control Manager software can boost productivity for both administrators and users.¹

Industry-leading asset protection

IBM's new SMART Reaction™ software offers a new level of protection for your critical data by backing up your hard drive prior to a predictable failure and offering real-time data mirroring capability.² IBM's AssetCare also includes an Enhanced Asset Information Area recorded with system and end-user information, as well as features like laser-etching, allowing registration of critical components with Retainagroup Ltd.

Easy to service and upgrade

An NLX motherboard and advanced chassis design make these new PC models a breeze to upgrade and maintain. Available as either a desktop or mini-tower, the IBM PC 300GL is ideal for any environment.

Total system solutions

IBM SystemXtra can provide you with hardware, software, services and financing in a total, customized package with a single monthly payment.³

The new IBM PC 300GL models with Pentium II processors give you new levels of performance, manageability and security for your core computing tasks, at an outstanding value. These systems deliver many network management and control features not found in other PCs—so you can concentrate on your business, not your computers. The IBM PC 300GL is the affordable option for today's general business environment.



... Just better business

IBM Personal Computing Solution

IBM is committed to reducing the time and money spent on PC installation, maintenance, inventory and replacement. Our PCs combine high-performance technologies with leading-edge systems management and asset protection features. The end result is a product that is easy to purchase, install, integrate and manage. We think you'll agree that IBM PCs put you in control of your technology so you can concentrate on business.

Superb performance and value

The new IBM PC 300GL models bring the power of Intel's most advanced processor, the Pentium II with MMX™ technology, to an entry-level system. In addition, the Cirrus AGP graphics controller uses a new, high-speed bus to process the most complex images in the blink of an eye. And our surprisingly affordable price means users should never again have to waste time watching that little hourglass.

State-of-the-art manageability

IBM is committed to making PCs easier to manage, so you can focus on your business, instead of on your PCs. The new IBM PC 300GL models deliver on this commitment with leading-edge manageability features in an entry-level system that are not available in even the most advanced systems from other computer makers.

IBM's Wake on LAN technology allows network administrators to power on systems over a network, which provides unprecedented freedom to schedule and perform management functions without disrupting user productivity. Wake on LAN is compatible with popular management software tools such as IBM Netfinity Manager software and Intel LANdesk® Client Manager, which are both shipped with the new systems.

IBM's LANClient Control Manager (LCCM) software gives administrators a unique tool for remote, unattended system BIOS updates, system CMOS configurations updates, and software image downloads. The combination of Wake on LAN and LCCM means that initial system setup can be as simple as plug-in-and-go. The user can then turn on the computer and be instantly productive.

Industry-leading asset protection

Our customers tell us that some of the biggest technology problems they face are loss of critical data and theft of computers and their components. IBM AssetCare is our program to address these problems by providing you with the latest in system security and data protection capabilities.

The latest IBM AssetCare innovation is SMART Reaction,² a software program that works with our S.M.A.R.T. hard drives to protect data by backing it up prior to predictable hard disk failures, and provides the ultimate in data integrity through data mirroring and continuous data backup. And SMART Reaction offers even more: It is a robust, stand-alone back-up utility for critical data, or it can work seamlessly with many of the most popular backup programs.

IBM is also the first computer maker authorized by Intel to add laser-etched serial numbers to processors and DIMMs, which helps insure that the serial numbers cannot be altered or erased. Owners can register their systems and components with Retainagroup Ltd. (www.retainagroup.com), which can deter theft, improve the chance of recovering stolen assets, and aid in the prosecution of offenders.

DMI-compliant system component information is also recorded in the Enhanced Asset Information Area (on EEPROM), which allows administrators to accurately inventory critical components over the network without visiting each machine. Each system also includes IBM AntiVirus software, which constantly monitors against the intrusion of computer viruses, and ConfigSafe software, which tracks changes to critical system files, directories and network settings.

Easy to service and upgrade

The NLX motherboard and innovative chassis design incorporated into the new IBM PC 300GL means that it has never been easier to upgrade or service your computers. The cover features easy-lift tabs, the motherboard can be slid out of its socket without the need to remove cables or adapter cards and the CD-ROM and hard drive bays are in a cage that flips up and out of the way... this design can save you time and money.

Total system solutions: IBM SystemXtra

With SystemXtra, your authorized IBM reseller and IBM are joining forces to offer a one-stop solution that combines industry-leading technologies; a comprehensive array of LAN-management, hardware and software support services; technology exchange protection; and financing that can package the entire solution in a single monthly payment.



IBM PC 300GL technical specifications

	Desktop	Mini-Tower
Model*	IBM PC 300GL (6561)	IBM PC 300GL (6591)
Pentium II processors w/MMX	233, 266, 300MHz ⁵	233, 266, 300 or 333MHz
L2 cache	512KB pipeline burst	512KB pipeline burst
Memory standard/maximum Memory type	16 or 32MB/256MB SDRAM	32 or 64MB/256MB SDRAM
DIMMS (total slots)	2	2
S.M.A.R.T. hard drives	2.5 or 4.2GB ⁶ ATA-33	2.5 or 4.2GB ATA-33
Graphics controller Standard/maximum memory	Cirrus 5465 AGP 2MB/2MB	Cirrus 5465 AGP 2MB/2MB
Form factor	4 x 4 Desktop	6 x 6 Mini-Tower
Bays Bay configuration	4 bays: (1) 3.5" external; (1) 3.5" internal; (2) 5.25" external	6 bays: (2) 3.5" external; (2) 3.5" internal; (2) 5.25" external
Slots	2 PCI, 1 ISA, 1 shared	3 PCI, 3 ISA
Serial/parallel ports	2/1	2/1
Universal Serial Bus ports	2	2
CD-ROM (selected models)	32X-12X ⁷	32X-12X ⁷
Audio (selected models)	Supports Sound Blaster Pro applications	Supports Sound Blaster Pro applications
Pre-loaded operating system	Windows 95 [®] or Windows NT [®]	Windows 95 or Windows NT

* Note that these IBM PC 300GL models are in addition to IBM PC 300GL models that were introduced in 1997. Configurations of hardware and software can be customized to your needs through IBM's Authorized Assembler Program.

Advanced manageability

- Wake on LAN-enabled
- Support for LANClient Control Manager
 - Flash BIOS over LAN
 - Remote CMOS setup over LAN
 - Software image download
- IBM Netfinity Manager software
- Support for Intel LANDesk Configuration⁴ Manager software
- Intel LANDesk Client Manager software
- CoSession software
- DMI v2.0 compliant
- Plug and Play compliant

AssetCare tools and software

- S.M.A.R.T. hard drives with support for IBM SMART Reaction software²
- Enhanced Asset Information Area (EEPROM)
- IBM AntiVirus software
- PC-Doctor diagnostics software
- Laser-etching and registration of components
- Third-party registration with Retainagroup Ltd.
- ConfigSafe software

Diskette drive

- 3.5-inch 1.44MB standard

Standard I/O interfaces

- Two USB ports
- Two serial ports (16550)
- One enhanced parallel port (ECP/EPP)
- ATA-33 controller supports 4 devices

Productivity tools and software

- Lotus SmartSuite license⁸
- IBM HomePage Creator⁹
- Microsoft NetMeeting¹⁰
- Ready-to-Configure system support CD
- Microsoft Windows 95 and Windows NT CDs (Recovery)

Input Devices

- 104-key keyboard
- IBM mouse

Select IBM Options*

- 16, 32, 64 or 128MB Non-parity SDRAM DIMMs
- 32, 64 or 128MB ECC SDRAM DIMMs
- 4.2 or 6.4GB Deskstar EIDE hard disk drives
- TR4 IDE tape drive
- PCI Token-Ring adapter with Wake-on-LAN 86H1880
- EtherJet 100/10 PCI Ethernet adapter with Wake on LAN 85H9921
- 56K Modem Internal Kit 42H4321
- IBM G72 Color Monitor (17" FST/15.7" viewable image size) 654700N
- ScrollPoint mouse 00K8535
- Floorstand 76H3296

*Additional cables required for installation of select options.

For more information and a complete list of compatible options, visit the IBM Web site at www.pc.ibm.com/us/options

Customer Support and Service

- Three-year limited warranty on parts and a one-year onsite labor warranty¹¹
- IBM International Warranty Service¹²
- Toll-free technical support¹³
- CoSession remote problem resolution
- Electronic support services via fax, BBS, Internet and commercial online services

Standards Supported

- FCC Part 15, Class B; UL 1950 First Edition; CSA c22.2 No. 950; ISO 9241 capable; ANSI S12.10; GOPTUV-GS-ZH-1/618 NEMKO/SEMKO/DEMKO/EIF (SETI)/OVE-EN60950; CE; BABT; NS/G/1234/J/100003

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World Wide Web (U.S. only)

www.pc.ibm.com/us/desktop
www.pc.ibm.com/us/options
www.pc.ibm.com/us/asset
www.pc.ibm.com/us/desktop/lccm

¹ Requires a WOL-enabled Network Interface Card, to be purchased separately. LCCM is graphical, server-based software available for downloading at no additional charge at www.pc.ibm.com/us/lccm

² IBM SMART Reaction software is expected to become available during the second quarter of 1998. It will be made available via internet download to IBM PC 300GL customers at no additional charge (Internet access fees excepted). Subject to change without notice.

³ Available in selected countries.

⁴ Must be purchased separately from Intel Corp. Internet access fees excepted.

⁵ MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

⁶ GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.

⁷ Variable read rate. Actual playback speed will vary and is often less than the maximum possible.

⁸ Diskettes and hard copy documentation available at additional charge.

⁹ To be granted access to the IBM HomePage Creator, you need to be registered with IBM Internet Connection using a valid offer code. One offer code is shipped with the IBM PC 300GL.

¹⁰ Currently available for downloading at no additional charge at www.microsoft.com/netmeeting (Internet access fees excepted).

¹¹ For terms and conditions or a copy of IBM's limited warranty, call 1 800 772-2227 in the U.S. or 1 800 465-7999 in Canada.

¹² International Warranty Service is available in those countries where IBM and IBM resellers sell and service desktop products. Registration required.

¹³ Fees may apply. Excluding some holidays. Response time may vary.

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