

The affordable PC for core business needs



IBM PC 300GL with Pentium Processors with MMX™ technology

Highlights

Performance at a great value

Powered by Pentium processors with MMX™ technology and loaded with useful software, this system offers excellent performance and outstanding value.

Advanced manageability

IBM's innovative Wake on LAN technology and LANClient Control Manager (LCCM) software allow administrators to perform systems management tasks without disrupting user productivity. The IBM PC 300GL simplifies network management saving you time and money.

Protection for your assets

IBM's AssetCare™ initiative sets a new standard for system security and data protection. Some models are offered in a sealed design, with a tamper-resistant cover and no diskette drive, to provide even greater levels of control and security.

Total system solutions

IBM SystemXtra integrates hardware, software, services, and financing in a package customized to your needs for one-stop shopping with a single monthly payment.¹

The IBM PC 300GL gives you all the performance, manageability, and security you need for 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 the best computer for your business is the computer that lets you concentrate on doing business.

Performance and value

You get top performance from Pentium processors with MMX technology, running at speeds up to 233MHz² and SDRAM that satisfies the memory requirements of demanding business applications. A 64-bit EDO-based Cirrus Logic graphics accelerator provides quicker access to multimedia and Internet applications. Each system comes with a rich array of software that allows users to be instantly productive. And, best of all, these features are available from IBM at an unbeatable value.

Advanced manageability

The IBM PC 300GL simplifies managing PCs over a network and increases productivity, thereby reducing costs. The cornerstone of advanced manageability is IBM's Wake on LAN technology, which enables network administrators to perform routine maintenance at times when systems are not being used, even after they have been powered off.

Wake on LAN, used in conjunction with LANClient Control Manager software, allows you to streamline a wide variety of network management functions, including new system setup, software image distribution and enterprise-wide BIOS updates. Each system is shipped with IBM's award-winning Client Services for Netfinity Manager and Intel's LANDesk Client Manager[®] software, which can simplify many phases of PC management, including resource monitoring, performance tuning, capacity management, and security management. The IBM PC 300GL is designed in compliance with Desktop Management Interface (DMI), an industry standard that allows network administrators to inventory and allocate hardware and software resources and monitor nearly every aspect of a PC's functionality.

Protection for your assets

IBM AssetCare represents the newest standard in system security and data protection. To help deter theft and aid in the prosecution of offenders, owners can register their systems and components with a third-party company, Retainagroup Ltd. (www.retainagroup.com)

To help protect your critical business information, IBM AntiVirus software constantly monitors against the intrusion of computer viruses. Additionally, ConfigSafe software tracks changes to critical system files, directories, and network settings. If a failure occurs due to file or driver corruption, ConfigSafe helps restore the system to a previously working configuration, saving significant time in data recovery and software re-installation.

IBM is offering some models of the IBM PC 300GL in a sealed design, with a tamper-resistant cover and no diskette drive, to give network administrators more control over system configurations and software, guard against the introduction of virus-infected files, and provide better protection of sensitive data on the local hard drive. The cover of the system is bolted with a Torx screw, which protects internal components and prevents the installation of unauthorized hardware, yet still allows technicians access when needed. The diskette-less chassis ensures that end users cannot make copies of sensitive data, introduce floppy-borne viruses, or install unapproved software. Its compact design is ideal for space-constrained work environments. These models afford maximum enterprise control and keep data more secure, yet still give all the performance, flexibility, and expandability needed for core computing tasks.

Total system solutions

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

Model	IBM PC 300GL (6282)	IBM PC 300GL (6272 sealed) ³	IBM PC 300GL (6272)
Pentium Processor	166,200 or 233MHz with MMX	166,200 or 233MHz with MMX	166,200 or 233MHz with MMX
L2 cache std/max	256KB/512KB pipeline burst	256KB/512KB pipeline burst	256KB/512KB pipeline burst
Memory std/max	16 or 32MB/128MB	16 or 32MB/128MB	16 or 32MB/128MB
Memory type	SDRAM	SDRAM	SDRAM
DIMMs (total slots)	2	2	2
S.M.A.R.T. hard drives	Busmaster EIDE 2.1, 2.5 or 4.2GB ⁴	Busmaster EIDE 2.5GB	Busmaster EIDE 2.5 or 4.2GB
Graphics controller std/max memory	Cirrus 5446 1 or 2MB/2MB EDO	Cirrus 5446 2MB/2MB EDO	Cirrus 5446 2MB/2MB EDO
Form factor	4X4	2X3	2X3
Bay Configuration	(1) 3.5" external; (1) 3.5" internal; (2) 5.25" external	(2) 3.5" internal; (1) 5.25" internal	(1) 3.5" external; (1) 3.5" internal (1) 5.25" external
Slots	1 PCI, 1 ISA, 2 shared PCI/ISA	2 PCI/ISA shared	2 PCI/ISA shared
Serial/parallel ports	2/1	2/1	2/1
Universal Serial Bus ports	2	2	2
Network Interface	Integrated 10 Base-T with Wake on LAN (selected models)	10/100 Ethernet adapter with Wake on LAN	Integrated 10 Base-T with Wake on LAN (selected models)
CD-ROM (some models)	16X max/8X min (variable speed)	None	16X max/8X min (variable speed)
Diskette Drive	1.44MB	None	1.44MB
Audio	Supports SoundBlaster Pro applications (selected models)	None	None
Preloaded operating system	Windows 95 or Windows NT 4.0	Windows 95 or Windows NT 4.0	Windows 95

Advanced manageability

- Wake on LAN
- Support for LANClient Control Manager⁵
 - Flash BIOS over LAN
 - Software image download
 - Remote CMOS setup over LAN
- Client Services for Netfinity Manager
- Support for Intel LANDesk Configuration Manager⁶
- Intel LANDesk Client Manager software
- CoSession software
- DMI compliant
- Plug and Play compliant

AssetCare tools and software

- Third-party registration via Retainagroup Ltd.
- S.M.A.R.T. hard drives
- IBM AntiVirus software
- ConfigSafe software
- QAPLus diagnostics software
- PC-Doctor diagnostics on sealed models

Diskette drive

- 3.5-inch 1.44MB standard on all except sealed models

Standard I/O interfaces

- Two USB ports
- Two serial ports (16550)
- One Enhanced parallel port (ECP/EPP)
- One 10/100 Ethernet RJ-45 (selected models)
- One 10 BaseT Ethernet RJ-45 (selected models)
- SVGA video port
- Enhanced IDE controller supports 4 devices

Productivity software and tools

- Lotus SmartSuite license^{1,7}
- IBM HomePage Creator^{1,8}
- Ready-to-Configure System Support CD
- Microsoft Windows 95 and Windows NT CDs (Recovery)

Audio

- Models available with Sound Blaster Pro-compatible audio

Input devices

- 104-Key keyboard
- IBM mouse

Recommended IBM monitors

- G52, 15" CRT (13.6" viewable image), 1280 x 1024 Max NI addressability
- G72, 17" CRT (15.7" viewable image), 1280 x 1024 Max NI addressability

Select IBM options

- 16MB NP SDRAM DIMM, 76H0250 (8MB to 64MB available)
- 32MB NP SDRAM DIMM, 76H0251 (8MB to 64MB available)
- Deskstar 6.4GB EIDE HDD, 01K1279
- IBM 10/100 PCI Etherjet Adapter with Wake on LAN, 85H9921
- IBM PCI Token-Ring Adapter with Wake on LAN, 86H1880
- ISA 56K/33.6Kbps Plug & Play Data/Fax Modem, 01K1216
- Floorstand, 76H3302

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

Customer support and service

- Three-year limited warranty on parts and a one-year on-site labor warranty⁹
- IBM International Warranty Service¹⁰
- Toll-free technical support¹¹
- CoSession remote problem resolution
- Electronic support services via fax, BBS, Internet, and commercial online services

Standards supported

- FCC Part 15, Class B, Class A for sealed models; UL 1950 First Edition; CSA C22.2 No. 950
- ISO certifications
- GOP; TUV-GS-EN60950; TUV-GS-ZH1/618 NEMKO/SEMKO/DEMKO/EIF (SETI)/OVE-EN60950; CE; BAPT; NS/G/1234/J/100003

Need more information?

Reseller information

1 800 IBM-7255 ext. 4750 (U.S.)
1 800 IBM-2255 (Canada)

IBM fax information service

1 800 IBM-3395
Doc # 11136 PC Desktop
Doc # 11245 IBM PC Options Quick Reference
Doc # 11128 CD-ROM Drives
Doc # 42016 Data/Fax Modems
Doc # 42000 Deskstar Hard Disk Drives

World Wide Web (U.S. only)

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www.direct.ibm.com

¹ Available in selected countries.

² MHz only measures microprocessor internal clock speed, not application performance. Other factors also affect application performance.

³ Category 5 Networking Cable must be used with the sealed models.

⁴ MB means million bytes and GB means billion bytes when referring to hard drive capacity. Accessible capacity may vary.

⁵ LCCM is graphical, server-based software available for downloading at no additional charge at www.ibm.com/pc/desktop/lccm (Internet access fees excepted).

⁶ Must be purchased separately from Intel Corp.

⁷ Diskettes and hard copy documentation available at extra charge.

⁸ To be granted access to the HomePage Creator you need to be registered with IBM Internet Connection using a valid offer code.

⁹ 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.

¹⁰ International Warranty Service is available in those countries where IBM or IBM resellers sell and service IBM PC products. Registration required.

¹¹ Fees may apply. Excluding some holidays. Response times may vary.

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