IBM

IBM PC 300PL

Highlights

Advanced Manageability
Managing your networked PCs has never been easier. IBM's Wake on LAN technology incorporated into a 10/100 integrated Ethernet controller and LANClient Control Manager software can boost productivity for both administrators and users.

Protection for your assets
IBM AssetCare includes an Enhanced Asset Information Area (on an EEPROM chip) recorded with system and end-user information, as well as features like laser-etching and registration of critical components, to provide a complete asset management solution.

Power and performance
All models feature an Intel® Pentium® processor with MMX™ technology—with speeds up to 233MHz[1]—integrated audio and powerful Matrox 3-D graphics, ensuring outstanding application response times.

Easy to service and upgrade
An NLX-style motherboard and advanced chassis design make this PC a breeze to upgrade and maintain. Available as either a desktop or mini tower, the IBM PC 300PL 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.[2]

The IBM PC 300PL is the system for mainstream business applications of today and tomorrow. Designed for enhanced network manageability and security, the IBM PC 300PL delivers innovative features that make system and asset management easier than ever before—so you can concentrate more on business. It has the performance you need, with room to grow, at a great value that will fit most budgets.

. . . Just better business

IBM Personal Computing Solution

Advanced Manageability

The IBM PC 300PL has been designed from the ground up to be easy to set up and administer, so customers can focus on their business, instead of on their PCs. IBM's Wake on LAN technology is built into the system's integrated 10/100 Ethernet controller, allowing network managers to efficiently schedule maintenance and software upgrades overnight or on weekends, even when the system has been powered off. The user can then turn on the computer and be instantly productive. The IBM PC 300PL is also optimized to take full advantage of popular management software tools such as IBM Netfinity Manager, Intel LANDesk® Client Manager and IBM LANClient Control Manager.

A unique combination of industry-standard features means that initial system setup can be as simple as plug-in-and-go. A network administrator can remotely format the hard drive, check and update the BIOS and CMOS, and download an operating system and software. A DMI-compliant manageability chip that monitors temperature, voltage and fan speed helps ensure reliable operation by notifying administrators of potential failures.

Protection for your assets

IBM AssetCare represents the latest in system security and data protection capabilities. Laser-etching of memory DIMMs and microprocessors helps ensure that the component serial numbers cannot be altered. Owners can register their systems and components with a third-party company, Retainagroup Ltd. (www.retainagroup.com.), which can deter theft and improve the chances of recovering stolen assets. DMI-compliant system component information is recorded on an EEPROM chip, allowing administrators to accurately inventory critical components over the network, without visiting each machine. Chassis intrusion can be detected with the manageability chip, which sends an alert to the system administrator via IBM Netfinity Manager or Intel LANDesk Client Manager the next time the system is powered on. Each system is also bundled with IBM AntiVirus software, which helps to protect your critical business information.

Power and performance

Today's business applications are power hungry, and the IBM PC 300PL delivers the performance these applications need. All feature Intel Pentium processors with MMX technology, at speeds of up to 233MHz. The motherboard contains a high-performance 3-D Matrox graphics controller that gives you rapid response times with video- or graphics-intensive applications. The integrated audio controller allows you to record and play high-quality sound on your PC. You can even dictate memos and documents to your computer with unprecedented accuracy using IBM VoiceType 3.0.[3]

Easy to service and upgrade

The new NLX-style motherboard and innovative chassis design incorporated into the IBM PC 300PL mean that it has never been easier to upgrade or service your computers. The cover features easy-lift tabs, the CD-ROM and hard drive sit in a cage that flips up and out of the way, and the motherboard can slide out of its socket without the need to remove cables or adapter cards. The new NLX-style design is also available as a mini tower configuration, which conserves desk space and offers greater expandability.

Total System Solutions: IBM SystemXtra

IBM SystemXtra helps you make the most of your personal computer investment by combining a host of technologies, services and convenient financing, all for a single monthly payment. Our total-package financing includes a technology exchange option—a flexible and affordable way to update your IBM personal computer inventory after only two years. IBM SystemXtra also offers a customized package of services from your IBM Business Partners and IBM, including specialized training, Recovery Services for End-Users and Recovery Services for PCs.[4]

IBM PC 300PL Technical Specifications

	Desktop	Mini Tower
Model	IBM PC 300PL (6562)	IBM PC 300PL (6592)
Pentium processor w/MMX	166, 200 or 233MHz[1]	166, 200 or 233MHz
L2 cache	512KB pipeline burst	512KB pipeline burst
Memory std/max Memory type	16 or 32MB/384MB EDO (EDO ECC optional)	32MB/384MB EDO (EDO ECC optional)
DIMMS (total slots)	3	3
S.M.A.R.T. hard drives	2.5 or 4.2GB[5] EIDE or 2.1GB SCSI	2.5 or 4.2GB[5] EIDE or 4.3GB SCSI
Graphics controller Std/max memory	Matrox Mystique 220 (MGA-1164SG 3D)[6] 2MB/4MB	Matrox Mystique 220 (MGA-1164SG 3D)[6] 2MB/4MB
Form factor	4 X 4 Desktop	6 X 6 Mini Tower
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
Network interface	Integrated 10/100 Ethernet with Wake on LAN	Integrated 10/100 Ethernet with Wake on LAN
CD-ROM (some models)	24X/10X[7]	24X/10X[7]
Audio Blaster Pro applications	Integrated, supports Sound Blaster Pro applications	Integrated, supports Sound
Preloaded operating system	Windows 95 or Windows NT	Windows 95 or Windows NT

Note: In addition to these models, customized hardware and software configurations are available through the IBM Authorized Assembler Program. For details contact your IBM Business Partner.

Advanced Manageability
- Wake on LAN 10/100 Ethernet
- Support for LANClient Control Manager[8]
  - Flash BIOS over LAN
  - Remote CMOS setup over LAN
  - Software image distribution
  - Shutdown over LAN
- IBM Netfinity Manager Software
- Support for Intel LANDesk Configuration Manager[9]
- Intel LANDesk Client Manager
- CoSession software
- DMI compliant
- Plug and Play compliant

AssetCare tools & software
- Enhanced Asset Information Area (EEPROM)[2]
- S.M.A.R.T. hard drives
- IBM AntiVirus software
- DMI-compliant manageability chip
- QA Plus Diagnostic software
- Laser-etching and registration of components
- Third-party registration with RetainaGroup Ltd.
- ConfigSafe software

Diskette drive
- 3.5-inch 1.44MB standard

I/O interfaces
- Two USB ports
- Two serial ports (16550)
- One enhanced parallel port (ECP/EPP)
- One 10/100 Ethernet RJ-45
- Enhanced IDE controller supports four devices
- Audio in/out mini-jack
- Ultra Wide SCSI (selected models)

Productivity software and tools
- Lotus SmartSuite license[2,10]
- IBM HomePage Creator[2,11]
- VoiceType 3.0[3]
- Microsoft NetMeeting®[3]
- Ready-to-Configure system support CD
- Microsoft Backup CD for Windows 95 or Windows NT

Audio

- Front panel volume control, microphone jack and headphone jack

Recommended IBM Monitors

- IBM P-Series Monitors are recommended to take advantage of the integrated high-performance Matrox graphics controller.

Input devices

- 104-key keyboard
- IBM mouse

Select IBM Options

- 32MB ECC EDO DIMM 04K0081 (16-128MB available)
- 64MB Non-Parity EDO DIMM 04K0078 (16-128MB available)
- 6.4GB Deskstar EIDE hard disk drive 01K1279
- 8.4GB Deskstar EIDE hard disk drive 01K1316
- 4.33GB Ultrastar 2ES Wide Ultra SCSI hard disk drive 76H5815
- PCI Token-Ring Wake on LAN adapter 86H1880
- ISA 56K/33.6Kbps Plug and Play data/fax modem 01K1216
- Floor Stand 76H3296

Customer Support and Service

- Three-year limited warranty on parts and a one-year onsite labor warranty[12]
- IBM International Warranty Service[13]
- Toll-free technical support[14]
- CoSession remote problem resolution
- Electronic support services via fax, BBS, Internet and commercial online services

Standards supported

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

[1] MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

[2] Available in selected countries.

[3] Windows 95 models only.

[4] Formerly known as Workgroup Recovery and Disaster Equipment Quickship Services.

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

[6] The Matrox MGA-1164SG is identical to the Matrox MGA-1064SG.

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

[8] Available for downloading at no additional charge at www.us.pc.ibm.com/lccm.

[9] Must be purchased separately from Intel Corp.

[10] Diskettes and hard copy documentation available at additional charge.

[11] 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 300PL.

[12] 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.

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

[14] Fees may apply. Excluding some holidays. Response times may vary.