

Network-optimized power and enhanced manageability



IBM PC 300PL with Pentium® II Processors

Highlights

Smarter manageability

The IBM PC 300PL is an exciting, powerful, network-ready system designed to be easily managed and protected from data loss. Advanced manageability features of the IBM PC 300PL, such as integrated 10/100 Ethernet with Wake on LAN and LANClient Control Manager software¹, are built upon industry standards and are fully compatible with the most popular network management software.

Innovative Asset ID technology

Each IBM PC 300PL includes a radio-frequency ID tag that makes it easier to deploy and inventory your systems. Asset ID can also be used to monitor movement of your PCs to help prevent theft.

Ingenious Alert on LAN

These systems are the first equipped with Alert on LAN, a product of the IBM/Intel Advanced Manageability Alliance. Alert on LAN can notify you when a system has been tampered with or removed from the network. This new feature is part of IBM AssetCare, which also includes other innovations such as SMART Reaction data protection software.

Outstanding performance and value

The IBM PC 300PL features the lightning-fast Intel® Pentium® II processor with clock speeds up to 400MHz², a 3D accelerated graphics port (AGP), the latest Intel 440 BX chipset, and a host of other performance-enhancing features, including integrated Ethernet and audio and an IBM ScrollPoint mouse—all at a highly competitive price.

The new IBM PC 300PL offers network-optimized power and enhanced manageability for all of your business needs. These are high-end systems with innovative, standards-based features that make system and asset management easier than ever before, so you can concentrate on business. You get all the built-in functionality you need with IBM's unbeatable quality, at new highly competitive prices.



... 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 offer a unique combination of high-performance technologies and leading-edge system management and asset protection features. The end result is a product that is convenient to purchase, install, integrate and manage. IBM PCs put you in control of your technology, so you can manage your business—and your budget.

Smarter manageability

The IBM PC 300PL demonstrates IBM's continued leadership in promoting easier network management. An integrated 10/100 Ethernet controller with IBM's Wake on LAN technology allows network administrators to power on systems over a network, providing unprecedented freedom to schedule and perform management functions without disrupting user productivity. Wake on LAN is compatible with popular management software tools such as Client Services for Netfinity Manager and Intel LANDesk® Client Manager, which are both shipped with the system.

IBM's LANClient Control Manager (LCCM) software gives administrators a unique tool for simplifying the deployment and configuration of IBM PCs. LCCM allows remote, unattended system BIOS updates, system configurations and software image downloads. LCCM Version 2.0 adds support for the DHCP protocol, which extends the power of this tool over bridges, routers and hubs.

A host of other innovative features, including an advanced chassis design and an NLX motherboard, help make the IBM PC 300PL perhaps the easiest PC ever to manage on a network.

Innovative Asset ID technology

The IBM PC 300PL marks the debut of an exciting new technology from IBM called "Asset ID". Each IBM PC 300PL contains an Enhanced Asset Information Area (EEPROM) recorded with information about the system, including configuration

and serial number data, as well as a number of empty fields for your use. A radio-frequency antenna integrated in the IBM PC 300PL enables the EEPROM to be read and recorded by a small, handheld device.³

Asset ID allows you to inventory PCs when they arrive without taking them out of the box. You can also record end-user information on the EEPROM such as preload identification or lease data to facilitate system deployment. After the system is plugged in, IBM's LCCM software can install the correct image over your network at your convenience. Asset ID also greatly simplifies ongoing physical inventories by simply placing the scanner near the system and electronically reading all the pertinent data without moving or opening the box. Finally, Asset ID can be used to assist security personnel in preventing the unauthorized removal of PC's from your enterprise.

Ingenious Alert on LAN

Many of today's PCs receive a "trickle" of power even after they are shut down, which enables them to be powered on remotely. Many are also equipped with manageability chips that monitor system environment parameters. IBM and Intel have built on these industry-standard technologies through their Advanced Manageability Alliance to create a new standard: systems that alert you of potential problems, even when they are powered off.

Alert on LAN is a hardware and software solution that can notify you whenever a system is unplugged from its power source or network connection. It can also warn you when a system chassis has been opened, even if the PC has been powered off. And Alert on LAN can notify your network administrator about system errors during boot-up and operating system errors, which can reduce response times and help your users remain productive.

Alert on LAN is the latest feature of IBM AssetCare, our initiative to help protect your technology as well as your vital business data. Another new feature of AssetCare is SMART Reaction, a software program that works with S.M.A.R.T. hard drives to protect data by backing it up prior to predictable hard disk failures. Our complete asset-protection solution also includes registration of critical components.

Superb performance and value

The IBM PC 300PL is designed for top performance using the most advanced technology available today. In addition to Intel's newest Pentium II processors and S3 Trio3D AGP graphics integrated on the motherboard, the PC 300PL is one of the first systems to offer Intel's new BX chipset and 100MHz front-side bus. This system offers the features you need now—10/100 integrated Ethernet, integrated audio and an IBM ScrollPoint mouse—as well as room to grow, support for up to 384MB of memory, an AGP 2 connector, and plenty of open slots and bays. The bottom line is blazing performance, enhanced functionality, substantial expandability and IBM quality, all at a competitive price.

IBM PCs provide flexibility in your choice of operating systems by offering models preloaded with Microsoft Windows NT 4.0 or Windows 95. Windows NT 4.0 is designed to provide enhanced performance, security and stability in your computing environment.

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 invoice.

IBM PC 300PL technical specifications

	Desktop	Minitower
Model*	IBM PC 300PL (6862)	IBM PC 300PL (6892)
Pentium II processors with MMX™	266, 300, 333, 350 or 400MHz	266, 300, 333, 350 or 400MHz
L2 cache	512KB pipeline burst	512KB pipeline burst
Memory standard/maximum Memory type*	32 or 64MB/384MB 100MHz SDRAM (ECC memory supported)	32 or 64MB/384MB 100MHz SDRAM (ECC memory supported)
DIMM slots	3	3
S.M.A.R.T. hard drives Available through AAP	4.2 or 6.4GB ⁴ ATA-33 4.5GB SCSI or 9.1GB ATA-33 ⁵	4.2 or 6.4GB ATA-33 4.5GB SCSI or 9.1GB ATA-33
Graphics controller Standard/maximum Type Expandability	S3 Trio3D AGP 4MB/4MB SGRAM AGP 2 connector	S3 Trio3D AGP 4MB/4MB SGRAM AGP 2 connector
Form factor	4x4 Desktop	6x6 Minitower
Bays Bay configuration	4 bays: (2) 3.5" slim high external; (1) 3.5" slim high internal; (1) 5.25" half high external	6 bays: (2) 3.5" slim high external; (2) 3.5" slim high internal; (2) 5.25" half high external
Slots	2 PCI, 1 ISA, 1 shared PCI/ISA	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 (selected models)	32X/14X ⁶	32X/14X
Audio	Integrated, supports Sound Blaster Pro applications	Integrated, supports Sound Blaster Pro applications
Pre-loaded operating system* License only	Windows 95 or Windows NT 4.0 OS/2 available through AAP	Windows 95 or Windows NT 4.0 OS/2 available through AAP

*Configurations of hardware and software can be customized to your needs through IBM's Authorized Assembler Program (AAP).

Advanced manageability

- Integrated 10/100 Ethernet with Wake on LAN
- Asset ID
- Support for LANClient Control Manager 2.0
 - Flash BIOS over LAN
 - Remote CMOS setup over LAN
 - Software image download
- Client Services for Netfinity Manager
- Support for Intel LANDesk® Configuration Manager⁷ software
- Intel LANDesk® Client Manager software
- CoSession software
- PC-Doctor diagnostic software
- DMI v2.0 compliant
- Plug and Play compliant

AssetCare tools and software

- Alert on LAN
- S.M.A.R.T. hard drives with support for IBM SMART Reaction software
- Enhanced Asset Information Area (EEPROM)
- DMI-compliant manageability chip
- Third-party registration with Retainagroup Ltd.
- IBM AntiVirus software
- ConfigSafe software

Productivity software and tools

- Lotus SmartSuite license⁸
- ViaVoice dictation software
- Microsoft® Internet Explorer 4.0
- Ready-to-Configure system support CD

Standard I/O interfaces

- Two USB ports
- Two serial ports (16550)
- One enhanced parallel port (ECP/EPP)
- One 10/100 Ethernet RJ-45
- ATA-33 Enhanced IDE controller supports 4 devices
- Audio in/audio out, microphone jack
- Wide Ultra SCSI (selected models)

Input devices

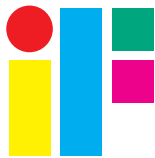
- 104-key keyboard
- IBM ScrollPoint mouse

Select IBM options

- P72 Color Monitor - 17" (16.0" viewable image) 655603N
- G94 Color Monitor - 19" (17.9" viewable image) 654900N
- 16, 32, 64 or 128MB 100MHz Non-parity SDRAM DIMMs
- 32, 64 or 128MB 100MHz ECC SDRAM DIMMs
- 6.4 or 9.1GB (7200) ATA-33 Hard Disk Drives
- 4.2, 6.4 or 8.4GB (5400) ATA-33 Hard Disk Drives
- PCI Token-Ring adapter with Wake on LAN 86H1880
- ISA 56K/33.6Kbps Plug and Play Data/Fax Modem 01K1216
- Color Flatbed Scanner 0275001
- Floorstand 76H3296
- Business Audio Kit 02K4241

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

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DESIGN HANNOVER

Customer support and service

- Three-year limited warranty on parts and a one-year onsite labor warranty⁹
- IBM International Warranty Service¹⁰
- Toll-free technical support¹¹
- CoSession remote problem resolution
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Standards supported

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

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¹ Available for downloading at no additional charge at www.ibm.com/pc/desktop/lccm

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

³ Handheld scanning devices and other hardware and software products that must be used with Asset ID will be available through our IBM Asset ID partners. A complete listing of these independent vendors is available at www.ibm.com/pc/us/desktop/assetid

⁴ When referring to hard drive capacity, GB equals one billion bytes. Total user-accessible capacity may be less depending on operating environments.

⁵ 9.1GB disk drive capacity with Ultra DMA is possible only with system units that have a busmaster driver that supports Ultra DMA and hard drive sizes greater than 8.4GB.

⁶ Variable read rate. Actual playback speed will vary and is often less than the maximum possible.

⁷ Must be purchased separately from Intel Corp.

⁸ Diskettes and hard copy documentation are available at an additional charge.

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 and IBM resellers sell and service desktop products. Registration required.

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

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