

*Optimized to the highest level of customer demands and integration*



## IBM PC 300XL with Pentium® II processor

---

### Highlights

---

#### **Unsurpassed performance**

The IBM PC 300XL is powered by an Intel® Pentium II processor with MMX™ technology racing at speeds up to 300MHz.<sup>1</sup> A 512KB L2 cache propels you to higher levels of productivity. Dynamic media will come to life with a 16X Max/8X Min CD-ROM drive, integrated audio and on-board SVGA graphics.

#### **Advanced Manageability**

Gain convenient, proactive control over your networked computers. IBM's revolutionary Wake on LAN technology incorporated into a 10/100 integrated Ethernet controller and IBM's LANClient Control Manager<sup>2</sup> software make network management a breeze.

#### **Protection for your assets**

IBM AssetCare™ provides comprehensive data protection and system security, including serialization and registration of components, virus protection, and a DMI-compliant manageability chip that monitors temperature, voltage, and chassis intrusion.

#### **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.<sup>3</sup>

The IBM PC 300XL is designed with the latest technology to handle the most demanding business applications in a networked environment. These are the high-end systems that deliver value and keep you ahead of the curve with the performance that power-users demand. The IBM PC 300XL delivers with innovative technology that offers the highest level of manageability and security, so you can concentrate more on business.



*... 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.

## **Unsurpassed performance**

The IBM PC 300XL provides unparalleled levels of performance with Intel's most powerful processor, the Pentium II. The Pentium II incorporates MMX technology, which accelerates the performance of multimedia and communications software, and runs at blazing fast speeds up to 300MHz. A 512KB L2 cache integrated on the processor cartridge adds an additional performance boost.

The IBM PC 300XL is engineered to give you greater productivity with your most demanding dynamic applications. A high-performance S3 Trio V2 64-bit graphics subsystem gives outstanding response times with high-resolution graphics and supports full-motion video. The standard 32MB EDO RAM provides plenty of memory for your business applications, and it can be expanded, when needed, to a maximum of 384MB. The package is rounded out with a large EIDE or SCSI hard drive and a 16X Max/8X Min (variable speed) CD-ROM. With this system, you can say good-bye to the hourglass—it will work as fast as you do.

## **Advanced Manageability**

Less time on managing PCs means more time for real business. IBM maximizes system reliability with DMI-compliant innovations and revolutionary Wake on LAN technology. A 10/100 integrated Ethernet controller enabled with Wake on LAN allows administrators to rouse powered down computers across the network for software installation, BIOS updates, and system setup—all from a remote LANClient Control Manager (LCCM) console. Coupled with IBM's award-winning IBM Netfinity Manager software or Intel's popular LANDesk Client Manager® (both included on CD-ROM), you're in control.

## **Protection for your assets**

IBM AssetCare represents the newest standard in system security and data protection. A DMI-compliant manageability chip, working with network management software, can alert a network administrator whenever the system's cover is removed. Laser-etching of memory DIMMs and microprocessors ensures that component serial numbers can not be altered. Owners can also register their systems and components with a third party, Retainagroup Ltd. ([www.retainagroup.com](http://www.retainagroup.com)), which can deter theft, improve the chances of recovering stolen assets and aid in the prosecution of offenders.

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.

## *Total system solutions*

---

With SystemXtra, your authorized IBM reseller and IBM are joining forces to offer your business a new opportunity to optimize your technology investments with 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 your entire solution in a single monthly payment.

---

**IBM PC 300XL Technical Specifications**

---

<b>Pentium II Processor w/MMX</b>	233, 266, or 300MHz <sup>1</sup>
<b>L2 cache</b>	512KB pipeline burst
<b>Memory std/max/type</b>	32MB <sup>4</sup> /384MB/EDO
<b>DIMMs (total slots)</b>	3
<b>S.M.A.R.T. hard drives</b>	2.5 or 4.2GB <sup>4</sup> EIDE or 4.3GB SCSI with UltraWide SCSI adapter
<b>Graphics controller Std/max memory</b>	S3 Trio 64 v.2 SVGA 2MB/4MB DRAM
<b>Form factor</b>	5X5
<b>Bay configuration</b>	(2) 3.5" internal; (1) 3.5" external; (2) 5.25" external
<b>Slots</b>	3 shared PCI/ ISA, 2 ISA
<b>Serial/parallel ports</b>	1/1
<b>Universal Serial Bus ports</b>	2
<b>Network interface (some models)</b>	Integrated 10/100 Ethernet with Wake on LAN
<b>CD-ROM (some models)</b>	16X Max/8X Min (variable speed)
<b>Audio</b>	Integrated, supports Sound Blaster <sup>®</sup> Pro applications
<b>Preloaded operating system</b>	Windows 95 or Windows NT

---

**Advanced Manageability**

- Wake on LAN 10/100 Ethernet
- Support for LANClient Control Manager<sup>2</sup>
  - Flash BIOS over LAN
  - Remote CMOS setup over LAN
  - Software image distribution
  - Shutdown over LAN
- DMI compliant
- IBM Netfinity Manager software
- Intel LANDesk Client Manager
- Support for Intel LANDesk Configuration Manager<sup>5</sup>
- CoSession software
- Plug and Play compliant

**AssetCare tools & software**

- Laser-etching
- Third-party registration with Retainagroup Ltd.
- DMI-compliant manageability chip
- S.M.A.R.T. hard drives
- IBM AntiVirus software
- ConfigSafe software
- QAPlus/Pro Diagnostic software

**Diskette drive**

- 3.5-inch 1.44MB standard

**I/O interfaces**

- Two USB ports
- One serial port (16550)
- One enhanced parallel port (ECP/EPP)
- One 10/100 Ethernet RJ-45 (selected models)
- SVGA video port
- Enhanced IDE controller supports 4 devices
- Audio line in/out mini-jack
- One IrDA-2 compliant infrared port (115Kbps)

**Productivity software and tools**

- Lotus SmartSuite License<sup>36</sup>
- IBM HomePage Creator<sup>37</sup>
- Microsoft NetMeeting<sup>8</sup>
- Ready-to-Configure system support CD
- Microsoft Windows 95 and Windows NT CDs (Recovery)

**Audio**

- Models available with Sound Blaster Pro-compatible audio

**Recommended IBM Monitors**

- IBM P-Series Monitors are recommended to take advantage of the integrated, high-performance S3 Trio 64 graphics controller

**Input devices**

- 104-key keyboard
- IBM mouse

### Select IBM options

64MB Non-Parity	
EDO DIMM	76H0326
4.2GB Deskstar 5 EIDE	
hard disk drive	01K1276
6.4GB Deskstar 5 EIDE	
hard disk drive	01K1279
24X max CD-ROM	01K0058
Token-Ring PCI 16/4	
with Wake on LAN	86H1880
ISA 56K/33Kbps	
Plug & Play Data/Fax Modem	01K1216

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

### Customer support and service

- Three-year limited warranty on parts and a one-year on-site limited labor warranty<sup>9</sup>
- IBM International Warranty Service<sup>10</sup>
- Toll-free voice technical support<sup>11</sup>
- 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; GOP TUV-GS

### Need more information?

#### General information

1 800 IBM-2968 (U.S.)  
1 800 IBM-2255 (Canada)

#### Reseller information

1 800 IBM-7255 ext. 4750

#### 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)

[www.pc.ibm.com/desktop](http://www.pc.ibm.com/desktop)  
[www.pc.ibm.com/options](http://www.pc.ibm.com/options)  
[www.pc.ibm.com/asset](http://www.pc.ibm.com/asset)  
[www.pc.ibm.com/desktop/lccm](http://www.pc.ibm.com/desktop/lccm)

<sup>1</sup> Available in selected countries.

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

<sup>3</sup> MB means million bytes and GB means billion bytes when referring to hard drive capacity. Accessible capacity may vary.

<sup>4</sup> LCCM is graphical, server-based software available for downloading at no additional charge at [www.us.pc.ibm.com/lccm](http://www.us.pc.ibm.com/lccm).

<sup>5</sup> Must be purchased separately from Intel Corp.

<sup>6</sup> Diskettes and hard copy documentation available at extra charge.

<sup>7</sup> To be granted access to the HomePage Creator you need to be registered with IBM Internet Connection using a valid offer code. One offer code is shipped with each IBM PC 300GL.

<sup>8</sup> Windows 95 models only.

<sup>9</sup> 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.

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

<sup>11</sup> Fees may apply. Excluding some holidays. Response times may vary.

IBM, SmartSuite, OS/2, IBM Netfinity Manager software, Wake on LAN, LANClient Control Manager, IBM AntiVirus and IBM HelpCenter are trademarks or

registered trademarks of International Business Machines Corporation.

Microsoft, Windows, Windows NT, the Windows NT logo, Windows 95 and the Windows 95 logo are trademarks or registered trademarks of Microsoft Corporation.

Intel, Pentium, LANDesk and MMX are trademarks or registered trademarks of Intel Corporation.

Other trademarks or registered trademarks are the properties of their respective companies.

IBM reserves the right to alter specification and other product information without prior notice.

Made in Scotland, Japan, Mexico, Australia or Brazil or assembled in the U.S. of U.S. and non-U.S. components. References in this document to IBM services or products do not imply that IBM intends to make them available in all countries.

This publication was produced in the United States. IBM may not offer products, services or features discussed in this document in other countries, and the information is subject to change without notice. Consult your local IBM representative for information on the products, services and features available in your area.



Designed for  
Microsoft®  
Windows NT®  
Windows 95



© International Business Machines IBM Corporation 1997

IBM Personal Computer Company  
Dept. MFZA  
3039 Cornwallis Road  
Research Triangle Park, NC 27709

Printed in the United States of America  
10-97

All Rights Reserved



Printed on recycled paper containing 10% recovered post-consumer fiber.



G221-6068-01