Affordable all-in-one business notebooks

IBM

IBM ThinkPad® 390 Notebooks

Highlights

All-in-one convenience
Sleek all-in-one design integrates a diskette, CD-ROM and hard disk drive plus an integrated modem in a convenient, easy-to-use package.

Performance
With an Intel® Mobile Pentium® II processor at up to 266MHz[1] or a Pentium processor with MMX™ technology, up to a 4.3GB[2] S.M.A.R.T.[3] hard drive and up to 64MB RAM standard, the ThinkPad 390 delivers a serious business notebook at an affordable price.

Versatile portability
The ThinkPad 390 offers incredible flexibility and solid investment protection with the new versatile UltraBay FX that accepts an optional second hard drive or second battery; an optional port replicator with IBM Wake on LAN™ support for remote system manageability; and easy-to-upgrade hard drive and memory.
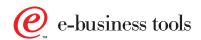
Compelling multimedia
Presentations will come to life with the ThinkPad 390's choice of a 14.1" or 12.1" high resolution active matrix TFT display with wide viewing angles suitable for group viewing, high-speed CD-ROM drive and dynamic Altec Lansing® stereo speakers.

Easy network connectivity
The ThinkPad 390 is comprehensively tested with network PC Cards and has an integrated 56K[4] modem that keeps you connected wherever your work or travel takes you.

ThinkPad®

e-business tools

The affordable, easy-to-use business notebook

The new feature-packed ThinkPad 390 is the ideal solution for businesses looking for an affordable, easy-to-use and manageable notebook computer. Designed with flexibility in mind, the new UltraBay FX lets you customize the ThinkPad 390 to carry the tools you need for your business.

Outside the office, the ThinkPad 390 gives you the flexibility to work when and where you want. The integrated 56K modem gives you fast access to the Internet or network. Advanced multimedia features provide a compelling presentation platform with a powerful processor, dynamic stereo speakers, large TFT display, fast CD-ROM drive and superb graphics support. Back at the office, the optional Port Replicator with Advanced EtherJet Feature gives you convenient network connectivity with remote system manageability via Wake on LAN, cable management and expansion capability.

Whether you're looking for a Windows® 98 or a Windows NT Workstation-ready solution, ThinkPad 390's technology and stellar support can deliver and protect your investment like no other notebook.

ThinkPad 390 technical specifications

	390	390	390
Model 2626-	20U	50U	70U
Intel Pentium processor	233MHz Pentium with MMX technology	233MHz Mobile Pentium II	266MHz Mobile Pentium II
L2 cache	512KB	512KB	512KB
Display/colors	12.1" TFT/16M	12.1" TFT/16M	14.1" TFT/16M
Resolution	800x600	800x600	1024x768
Memory (std/max)	32/256MB	32/256MB	64/256MB
Hard disk drive	3.2GB upgradable	3.2GB upgradable	4.3GB upgradable
CD-ROM drive[5]	24X-10X	24X-10X	24X-10X
Diskette drive	internal	internal	internal
Integrated modem[4]	56K	56K	56K
Video RAM	2.5MB	2.5MB	2.5MB
Enhanced audio	Sound Blaster Pro™ support, Altec Lansing® stereo speakers	Sound Blaster Pro support, Altec Lansing® stereo speakers	Sound Blaster Pro support, Altec Lansing® stereo speakers
Integrated infrared	up to 4Mbps	up to 4Mbps	up to 4Mbps
Battery type/Battery life[6] with second optional battery in UltraBay FX	NiMH/3.25 hrs 6.5 hrs	NiMH/3.25 hrs 6.5 hrs	Li-Ion/4.0 hrs 8.0 hrs
UltraBay FX	Yes	Yes	Yes
Preloaded operating system	Windows 98	Windows 98	Windows 98
Dimensions	1.8"x12.4"x10"	1.8"x12.4"x10"	1.8"x12.4"x10.2"
Weight[7]	7.5 lbs	7.5 lbs	7.7 lbs

Multimedia features

- Mobile Pentium II processors or Pentium processors with MMX technology to run today's and tomorrow's applications
- Large, bright active matrix TFT displays up to 14.1" for group presentation viewing
- NeoMagic® MagicGraph256av™ 256-bit video for razor sharp graphics
- 24X-10X CD-ROM
- MPEG-1 video playback
- Altec Lansing® stereo speakers located on display to direct sound at you
- Sound Blaster Pro audio support
- Integrated microphone
- External microphone jack and stereo speaker/headphone jack

Ease-of-use

- Comfortable, full-size 85-key keyboard with ergonomic palm rest and fold-out feet
- TrackPoint® with "Press-to-Select" lets you speed program launches and reduce keystrokes
- Internet Scroll Bar to maximize Internet and spreadsheet productivity

- All-in-one convenience with integrated CD-ROM and diskette drive—no need to carry extra drives and cables
- On-line User's Guide
- Manual volume and brightness control convenience

PC Card support/ports/interfaces

- Two Type II or one Type III PC Card slot support, ZV port enabled, CardBus support
- Standard I/O ports: external monitor up to 1280x1024 resolution, serial, enhanced parallel, infrared, mouse/keyboard, audio I/O, Universal Serial Bus (USB)
- Port replicator connector

Compatible operating systems[9]

- Windows 98, Windows 95, Windows 3.11, Windows NT 4.0, OS/2 Warp V4
- PC DOS 2000, PC DOS 7, MS DOS 6.22

Investment protection

- UltraBay FX holds an optional second hard drive (for up to 10.7GB of total storage) or second battery

- User upgradable hard disk drives and memory
- UltraBay FX user-swappable options
- Expandability via PC Card slots
- Optional warranty upgrades

Stellar manageability

The ThinkPad 390 is supported by IBM's Universal Management—a comprehensive set of standards-based PC hardware manageability tools that work with, and complement, existing system management products in the enterprise.

Asset protection

- IBM lock slot for cable lock system
- Power-on and HDD password support
- Set-up password
- Electronic personalization
- Recovery CD restores factory preload
- UltraBay FX lock screw

Software

- Lotus SmartSuite Millennium[8]: Word Pro word processor, 1-2-3 spreadsheet, Freelance Graphics, Approach database, Organizer scheduler and ScreenCam included

The ideal desktop alternative

The optional Port Replicator with Advanced EtherJet Feature offers
- Cable management for convenient connection to desktop peripherals
- Integrated 10/100 EtherJet network interface card
- IBM Wake on LAN support for remote systems management capability
- I/O ports: serial, enhanced parallel, mouse, keyboard, external monitor, audio I/O, MIDI/joystick
- Warm docking
- Two PC CardBus slots that support two Type II or two Type III PC Cards
- Dual IBM lock slots to secure the ThinkPad, the PC Cards and the Port Replicator
- USB port

Options by IBM

Options by IBM offers a wide range of upgrades designed for your ThinkPad notebook with seamless IBM service and support. For a complete list of options visit

www.ibm.com/pc/us/accessories (U.S.)

www.ibm.com/pc/ca/accessories (CA)

- 32MB SDRAM SO DIMM   76H0294
- 64MB SDRAM SO DIMM   20L0241
- 128MB SDRAM SO DIMM   01K1150
- 6.4GB Hard Disk Drive with Adapter   05K8923
- Li-Ion Battery   02K6513
- 56W AC Adapter   83H6739
- Port Replicator   46H4209
- Port Replicator with Advanced EtherJet Feature   05K4872
- 900MHz Cordless Computer Connection   04K0064
- Turbo 16/4 Token-Ring PC Card (RJ-45)   85H3629
- EtherJet PC Card Combo 10BaseT/2   72H4534
- 10/100 EtherJet CardBus Adapter   08L3147
- Smart Card Security Kit   10L7333

ThinkPad Proven™ Solutions[10]

ThinkPad Proven products are tested, warranted and supported by the manufacturer to ThinkPad Compatibility Standards. For a complete list visit

www.ibm.com/pc/us/thinkpad/proven

- CNF Portable Peripherals' CARDportDVD-ROM portable PCMCIA DVD data solution

- Margi's DVD-to-GO MPEG-2 audio/ video/data playback solution through an external DVD drive
- Compu-Lock, Inc.'s TravAlert Electronic Security System

IBM SystemXtra™

SystemXtra is designed to help you make the most of your ThinkPad notebook investment by combining a host of technologies, services, software, training and convenient financing.[11] Visit

www.ibm.com/pc/us/systemxtra

IBM service and support

- One-year limited warranty[12]
- International Warranty Service[13]
- EasyServ door-to-door depot service
- Toll-free hardware support during the warranty period
- Web-based support offers extensive ThinkPad FAQs, drivers and upgrades as well as product information and tips
- Service options[14] to provide up to five years of service coverage from date of ThinkPad notebook purchase (including warranty period). Service options must be purchased during the original product warranty period
  – On-site, next business day service in 1-, 2-, 3-, 4- or 5-year packages
  – EasyServ, door-to-door depot service via courier in 2-, 3-, 4- or 5-year packages

Register your ThinkPad notebook

After you have purchased your ThinkPad notebook, remember to register so we can offer you timely support and upgrade information plus a personalized nameplate. Visit **www.pc.ibm.com/register**

Need more information?

World Wide Web

U.S.	www.ibm.com/pc/us/thinkpad
Canada	www.ibm.com/pc/ca/thinkpad

Y2K Get Year 2000 Ready

www.ibm.com/year2000

IBM Fax Information Service

U.S.	1 800 IBM-3395
ThinkPad Information Directory	Doc #11078
Canadian HelpFax	1 800 465-3299

Product and Dealer Location Information

U.S.	1 800 426-7255 ext. 4751
Canada	1 800 426-2255

IBM®

Designed for Microsoft® Windows NT®

ThinkPad PROVEN™
*Tested, warranted and supported by manufacturer to ThinkPad Compatibility Standards.

For Position Only

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