

*NEC Versa® 6200 Series of Notebook Computers*

# VERSA 6230/60



EXTRAORDINARY POWER FOR LEGEND-MAKING PERFORMERS.

233MHz/266MHz PENTIUM® PROCESSORS WITH MMX™ TECHNOLOGY.

DESKTOP-EQUIVALENT COMPUTING.

DAZZLING 13.3" XGA COLOR DISPLAY.

**NEC**

Let your imagination soar. Can you conceive of a portable system with such incredible speed and record-shattering performance that it rivals a desktop?

## Extraordinary Power For Legend-Making Performers.

A system that, like you, leaves competitors lagging in the dust?

Now stop dreaming and see the new reality in notebook computing—the NEC Versa® 6230 and Versa 6260.

### AT A GLANCE

- 233MHz or 266MHz Pentium® processor with MMX™ technology
- 13.3" XGA TFT display
- Up to 5.1GB hard drive, expandable up to 10.2GB
- 32MB to 128MB EDO DRAM
- VersaBay™ II slot for storage and power options, including a VST Zip™100 drive
- PC97 compliant
- Complete range of docking solutions



### AWARD-WINNING NOTEBOOK

The Versa 6230 and Versa 6260 are the latest generation in NEC's flagship Versa 6200 Series.

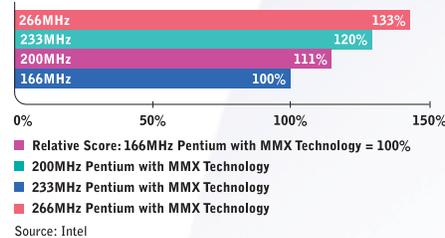
These notebooks attain new heights of speed and performance. In fact, the NEC Versa 6230 was awarded *PC Magazine's* Editors' Choice award for high-end notebooks (January 20, 1998) and earned five stars from *PC Computing*, the magazine's rating for excellence (December 1997).



### HIGH PERFORMANCE, LOW HEAT

The astounding velocity of the latest NEC Versa 6200 models is provided by the new Pentium processors with MMX technology—233MHz in the Versa 6230 and 266MHz for the Versa 6260.

### PROCESSOR PERFORMANCE INCREASE



These are the fastest mobile processors available—up to 33 percent faster than the 166MHz Pentium processor with MMX technology—and enable you to run with the new MMX-enhanced business software.\*

An added advantage is that the blazing speed is accompanied by significantly lower power consumption. That means longer battery life and a cooler-running notebook for you.

### NEC-QUALITY DISPLAY

The incredible power is matched by the second-to-none quality of the display, designed and manufactured by NEC Corporation to its own exacting standards.

The active-matrix screen renders 65,536 brilliant colors at 1024 x 768 resolution and features a NeoMagic® 128-bit 3-D graphics accelerator.

Measuring a huge 13.3" diagonally, this display gives you a viewing area comparable to a 15" desktop monitor.

### MEGA MEMORY, STORAGE

To go with this massive screen are the mega-capacity memory and storage you need to manage a challenging workload.

Go with the basic 32MB EDO DRAM or anything up to 128MB. Choose a 3.0GB, 4.0GB or 5.1GB hard drive. Expand it up to a whopping 10.2GB via the VersaBay™ II slot.

### FLEXIBILITY FOR PRODUCTIVITY

The modular VersaBay II slot provides the flexibility you need to stay productive in or out of the office. This front-mounted bay holds any one of these devices:

1. 20X maximum CD-ROM, fastest available in a notebook
2. 1.44MB floppy disk drive
3. For 120MB media as well as 1.44MB floppies, the SuperDisk™ LS-120 drive
4. VST Zip™100 drive for 100MB media
5. Second hard disk drive
6. Extra lithium ion battery

## NEW STANDARDS MET

The NEC Versa® 6230/60 are compliant with the new PC97 standard and have been chosen as a development platform for ACPI (Advanced Configuration and Power Interface).

ACPI is the basis for OnNow, an industry initiative for "instantly available" computer systems, systems which appear off but are always on and responding to user or network commands.

What does this mean for you? Your notebook will be able to take full advantage of features built into future Microsoft® operating systems (i.e., Windows® 98 and Windows NT® 5.0).

## NOTEBOOK SAFETY SHIELDS

Along with the technology for your future computing needs, the new NEC Versa 6200 notebooks include protection for the here and now.

They're safeguarded by two anti-virus programs, and if you equip your system with a modem, CompuTrace™ software can help to locate it in case of theft. LANDesk® Client Manager, also pre-installed, allows your corporate MIS department to identify problems, inventory assets and more—all remotely.

Should you have a problem with your notebook, UltraCare™ service provides a toll-free, 24-hour hot line and, during the first year, door-to-door courier service. Extended service plans are available.

## EXPANDING YOUR NOTEBOOK

Your NEC NOW System Consultant can tell you about the full range of accessories available for the Versa 6230/60. Here's a quick rundown on some of the major ones.

The *Docking Station 6000 Plus* features full port replication, four audio ports, a MIDI/game port, stereo speakers, PCI bus architecture, full-length slots for PCI or ISA cards and bays to hold industry-standard add-ons or VersaBay II Paks.



The *MiniDock™ 6000* offers a VersaBay II slot, two PC Card slots and an internal AC adapter. Standard, audio, MIDI/game, USB and external floppy ports are included as well.

The *PortBar™ 6000* is a cost-effective method of connecting desktop peripherals to your notebook in one quick step.

So that you're never out of touch, NEC offers a *56Kbps-capable PC Card modem* for sending and receiving faxes and e-mail messages at the fastest possible speed.

## NEC NOW

NEC NOW is an entirely new way of ordering direct. In fact, you'll notice the difference from the moment you call our toll-free number and speak to one of our knowledgeable System Consultants.

More than mere operators, they'll not only answer your call, they'll work closely with you to develop unique solutions to your unique

needs. And they have a lot of solutions at their disposal. After all, they're backed by a powerful, worldwide brand with a history of technological innovations.

What's more, just because you're ordering direct doesn't mean you have to forsake the way you're currently doing business. If you prefer, you can still order through your reseller, or just have them set up and/or service your equipment.

To place an order or to find your nearest reseller, call NEC NOW at 1-888-8-NEC-NOW. Operators are not standing by. System Consultants are.

\* 33 percent faster according to Intel.

> A 56Kbps-capable PC Card modem is available.

> On-the-go power is provided by a lithium ion battery.

< Both memory and hard drive are user upgradeable.

< The optional PortBar 6000 connects desktop peripherals to your notebook in just one step.



To order, get a free catalog or  
find your nearest reseller call:  
Mon-Fri 8am-8pm EST

**1-888-8-NEC-NOW**  
WWW.NECNOW.COM

# NEC VERSA 6230/60 TECHNICAL SPECIFICATIONS

## SAMPLE CONFIGURATIONS

Model	Order Code	Pentium® Processor with MMX™ Technology	Hard Drive	EDO DRAM	Floppy Drive
NEC Versa® 6230	V6231	233MHz	2.1GB	32MB	1.44MB
NEC Versa 6230	V6237	233MHz	4.0GB	64MB	1.44MB
NEC Versa 6230	V6240	233MHz	5.1GB	64MB	100MB Zip™ and 1.44MB
NEC Versa 6260	V6270	266MHz	3.0GB	32MB	100MB Zip and 1.44MB
NEC Versa 6260	V6267	266MHz	4.0GB	64MB	1.44MB
NEC Versa 6260	V6263	266MHz	5.1GB	64MB	1.44MB

## PROCESSORS

233MHz or 266MHz mobile Pentium with MMX technology  
32KB internal cache, 512KB secondary cache, 32-bit PCI and 64-bit CPU architecture, low 1.8 voltage for reduced power consumption

## MEMORY

32MB to 128MB EDO DRAM, user upgradeable up to 128MB

## STORAGE

User-removable hard disk drive (HDD):

- 3.0GB, 4.0GB or 5.1GB
- User upgrades up to 5.1GB available
- User upgradeable up to 10.2GB with 5.1GB primary HDD and 5.1GB HDD in VersaBay™ II slot

Swappable storage Paks via VersaBay II:

- 20X maximum variable-speed CD-ROM drive included
- 120MB SuperDisk™ LS-120 Drive Pak or 1.44MB floppy disk drive included
- VST Zip™ 100 Drive Pak
- Hard Disk Drive Cradle Pak (HDD not included)

## DISPLAY

13.3" TFT color  
XGA (1024 x 768) resolution  
65,536 colors  
NeoMagic® MagicGraph128XD™ 128-bit 3-D graphics accelerator  
2MB integrated VRAM  
Simultaneous display of external video and LCD

## INTERFACE PORTS

Serial, enhanced parallel, SVGA CRT, PS/2®-style keyboard/mouse, USB (Universal Serial Bus), front-mounted IrDA 4Mbps FIR (fast infrared), connector for desktop expansion options, stereo line in, stereo line out, TV out, headphone, microphone

## EXPANSION

Industry-standard SO-DIMM memory card slot  
Connector for Docking Station 6000 Plus, MiniDock™ 6000 or PortBar™ 6000

## VERSABAY II

Integrated front-loading bay accommodates these Paks:

- 20X maximum variable-speed CD-ROM drive
- 1.44MB floppy disk drive
- 120MB SuperDisk LS-120 Drive Pak
- VST Zip100 Drive Pak
- Hard Disk Drive Cradle Pak (HDD not included)
- Lithium Ion Battery Pak

## PC CARD SLOTS

Two slots for two Type II Cards or one Type III  
32-bit PC CardBus architecture  
Zoomed Video support in lower slot  
56Kbps-capable PC Card modem available

## MULTIMEDIA SUPPORT

MMX technology; 20X maximum variable-speed CD-ROM drive; Zoomed Video support; full-screen, full-motion MPEG-1 video support with NeoMagic MagicGraph128XD 128-bit 3-D graphics accelerator; 16-bit Sound Blaster® PRO audio compatibility with 3-D spatializer technology; .AVI, .WAV and MIDI playback; two integrated stereo speakers; integrated microphone; volume control dial; FM synthesizer; stereo line-in, stereo line-out, TV-out, headphone, microphone ports

## FACTORY-INSTALLED OPERATING SYSTEMS

Windows® 95 or Windows NT® Workstation 4.0

Windows for Workgroups 3.11 available as a custom configuration

PC97 compliant

Meets ACPI (Advanced Configuration and Power Interface) hardware specification

## FACTORY-INSTALLED SOFTWARE

**Windows 95 models:** Adobe® Acrobat® Reader, CompuTrace™, LANDesk® Client Manager 3.0, LapLink®, McAfee® VirusScan™, McAfee WebScan™, Mediamatics MPEG ARCADE Pak™, Microsoft® Internet Explorer, Mind Path® Remote Control and Presentation F/X™, Official Airline Guide, PRODIGY® Internet Service Sampler

**Windows NT models:** LANDesk Client Manager 3.0, McAfee VirusScan, SystemSoft® CardWizard™, SystemSoft PowerProfiler™, XingMPEG Player

## USER INTERFACE

VersaGlide™ touchpad: two-finger tap emulates double mouse click, three-finger tap emulates right mouse click, two-finger drag with virtual-edge capabilities emulates mouse click and drag  
Full-size 85-key low-profile keyboard, 12 function keys, 3mm stroke, palmrest

## DIMENSIONS/WEIGHT

11.7"W x 9.9"D x 2.3"H/7.5 lb.

## AC POWER

AC adapter, 100-240 volts, 50/60 Hz

## BATTERY POWER

Lithium ion battery lasts up to 3 hours (depending on configuration and usage)

1.6 hours recharge time with power on or off

Lithium Ion Battery Pak extends battery power

Alarm sounds when battery is running low

## POWER MANAGEMENT

Four levels: Airplane Productivity (longest battery life), Airplane Leisure (mid-range conservation), Presentations (custom setting), AC Mode (maximum performance)

ACPI (Advanced Configuration and Power Interface) hardware specification

## SECURITY FEATURES

Anti-virus software, anti-theft software, Kensington lock slot, power-on password

## WARRANTY

Three-year limited warranty, parts and labor

## VERSA TOOLS™ ACCESSORIES AND SOLUTIONS

### Upgrades

16MB Memory Card	OP-410-62502
32MB Memory Card	OP-410-62503
64MB Memory Card	OP-410-62504
3.2GB Hard Disk Drive	OP-220-62010
4.0GB Hard Disk Drive	OP-220-62012
5.1GB Hard Disk Drive	OP-220-62011

### Expansion

Docking Station 6000 Plus	OP-560-62003
MiniDock 6000	OP-560-62004
PortBar 6000	OP-560-62002
Docking Station 6000 Upgrade Kit	OP-560-62005
Monitor Stand	OP-560-62004-1
Floppy Disk Drive Connector Kit	OP-510-62001
104-Key Keyboard	OP-100-12201
NEC Microsoft PS/2 2-Button Mouse	OP-100-62002
Y-Adapter	OP-510-1201

### VersaBay II

Hard Disk Drive Cradle Pak	OP-540-61002
Lithium Ion Battery Pak	OP-570-62001
SuperDisk LS-120 Drive Pak	OP-230-62001
VST Zip100 Drive Pak	OP-230-62002
VersaBay II Adapter Kit	OP-540-61004

### PC Cards

NEC/U.S. Robotics® x2™ Technology 56Kbps Modem with XJACK® Connector	OP-710-4016
NEC Xircom® 10Base-T Network Card	OP-720-1201
NEC Xircom 10/100 CardBus Network Card	OP-720-1202

### Power

Lithium Ion Battery Pak	OP-570-62001
Battery Charger	OP-570-62002
AC Adapter	OP-520-62001
DC Adapter	OP-520-62002

### Carrying Cases

VersaNote™ Compact Case	OP-580-60001
VersaPro™ Multipurpose Case	OP-580-60002
VersaExec™ Leather Case	OP-580-60003

### Service

UltraCare™ service extensions for systems and selected docking solutions are available.

\* x2 products are capable of 56Kbps downloads. However, download speeds you experience may go lower due to varying line conditions. Uploads from end-user to service provider travel at speeds up to 28.8Kbps. An x2-compatible analog phone line and an x2-capable service provider are required for these high-speed downloads. See [www.usr.com/x2](http://www.usr.com/x2) for details.

## Versatile notebooks for versatile people™

NEC is a registered trademark. Versa is a U.S. registered trademark and UltraCare a U.S. registered service mark of NEC Corporation. MiniDock, VersaBay, VersaGlide and PortBar are trademarks of NEC Corporation. All are used under license. VersaNote, VersaPro, VersaExec and Versa Tools are trademarks of Packard Bell NEC, Inc. NEC NOW and "Versatile notebooks for versatile people" are

service marks of Packard Bell NEC, Inc. Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation. Pentium and LANDesk are registered trademarks and MMX a trademark of Intel Corporation. All other trademarks and registered trademarks are the property of their respective owners. Some software may differ from the retail version, if applicable, and may not include all program functionality or user manuals.  
©1998 NEC Computer Systems Division, Packard Bell NEC, Inc.

Information in this publication is subject to change without notice. Please call 800-632-4525 for technical support.

Printed in U.S.A. 2/98  
Order Number L-VERSA6230-S

NEC Computer Systems Division, Packard Bell NEC, Inc.  
1414 Massachusetts Avenue, Boxborough, MA 01719-2298



To order, get a free catalog or

find your nearest reseller call:

Mon-Fri 8am-8pm EST

1-888-8-NEC-NOW

WWW.NECNOW.COM

