

## POWERMATE® OFFICE SERIES



### Commercial Desktop Computers Featuring Microsoft Office 97 Suites

NEC's PowerMate® Commercial Desktop Systems has partnered with Microsoft to provide industry standard productivity packages, ready to use from the first time you turn on your system. The new PowerMate Office Series features a choice of Microsoft Office 97 Small Business Edition, including Excel, Word, Small Business Financial Manager, Publisher, Automap Streets Plus and Outlook; or Microsoft Office 97 Professional Edition including Excel, Outlook, Word, PowerPoint, Access and Bookshelf Basics, pre-loaded with every PowerMate Office system. NEC adds significant value by thoroughly integrating and testing the Office 97 suites, ensuring seamless operation and reliability.

The PowerMate Office Series delivers the ideal combination of advanced system performance combined with complete desktop manageability. With a choice of Intel's Pentium® with MMX™ technology or Pentium II processors and Microsoft Windows® 95 or Windows NT® Workstation operating systems, these powerful computers are equipped with a wide range of performance capabilities, from

mainstream to advanced applications. Additional speed is provided by a host of cutting-edge hardware features, including fast SDRAM memory, blistering Ultra DMA 33 hard disk drive support and Accelerated Graphics Port (AGP) (with Pentium II processor systems). Every PowerMate Office system includes a CD-ROM, audio and the Andrea Anti-Noise technology microphone, providing high fidelity audio and speech application readiness for a comprehensive multimedia experience.

To protect your company's investment, the PowerMate Office Series includes NEC MagicEye™ technology, which monitors the system for potential problems and maximizes user up time, Intel LANDesk® Client, Manager for remote system management over a network, as well as an integrated 10/100 MB Ethernet controller with Wake-On-LAN, allowing easy access to the system during off-peak hours. And PowerMate Office Series advanced IntelliCase™ design makes servicing and upgrading as straightforward as it gets. For a system powerful enough to bridge the gap between the M.I.S. department and the corporate desktop, choose the PowerMate Office Series featuring Microsoft office 97 Suites.

# NEC POWERMATE® OFFICE SERIES SPECIFICATIONS

MODEL		NETWORK/MODEM	
NEC NOW Built to Order	You can choose from a variety of CPU speeds, main memory sizes, hard disk drive capacities and network cards. Additional options include CD-ROM, fax modem, PCMCIA adapter, Travan 4 Tape Back-up and Omega ZIP drive. Each system comes standard with a full software and hardware manageability suite.	Network Interface	Pentium II: Intel 10/100 Ethernet with Wake-On-LAN on system board. Pentium with MMX: network interface add-in cards
Minimum Configurations	Intel Pentium® processor with MMX™ at 166MHz, 16MB RAM, 2.1GB EIDE HDD, 2MB SGRAM graphics, 32X CD-ROM, stereo headphones with microphone, floppy drive, keyboard, Microsoft IntelliMouse™, Microsoft Windows® 95, Microsoft Office Small Business Edition/Microsoft Office Professional Edition. Intel Pentium® II processor at 233MHz, 32MB RAM, 3.2GB EIDE HDD, 2MB AGP graphics, Integrated 10/100 Ethernet network interface, 32X CD-ROM, stereo headphones with microphone, floppy drive, keyboard, Microsoft IntelliMouse mouse, Microsoft Windows 95, Microsoft Office Small Business Edition/Microsoft Office Professional Edition.	Network Interface	Intel LAN Pro 10/100 PCI Ethernet with Wake-On-LAN capability add-in card.
PROCESSOR & MEMORY		Add-in Card Options	3COM 3C509B 10 ISA Ethernet Combo add-in card 3COM 3C905TX 10/100 PCI Ethernet add-in
Processor Options	Intel Pentium processor with MMX at 166MHz or 233MHz Intel Pentium II processor at 233MHz, 266MHz 300MHz, or 333MHz	Data/Fax Modem	*US Robotics 56K with x2™ Technology
Primary Cache (L1)	32KB write-back on processor	EXPANSION	
Secondary Cache (L2)	512KB pipeline burst	Drive Bays	Desktop: 4 total: 1 external 3.5" floppy, 2 external 5.25" and 1 internal 3.5" hard disk drive Minitower: 6 total: 1 external 3.5" floppy, 3 external 5.25" and 2 internal 3.5" hard disk drives
Main Memory Options	Pentium with MMX: 16MB/32MB/64MB/128MB SDRAM DIMM expandable to 256MB maximum Pentium II: 32MB/64MB/128MB SDRAM DIMM expandable to 384MB maximum	Expansion Slots	Pentium with MMX Desktop: One 0.5" length ISA, One PCI, One shared full length ISA/PCI Pentium with MMX Minitower: One full length ISA, Three PCI, One shared full length ISA/PCI Pentium II Desktop: One 0.5" length ISA, One PCI, One shared full length ISA/PCI, One Video AGP Pentium II Minitower: One full length ISA, Three PCI, One shared full length ISA/PCI, One Video AGP
Sockets	Pentium with MMX: 2 DIMM sockets Pentium II: 3 DIMM sockets	Power Supply	200 Watt, 115V/220V switch selectable
Flash ROM	2MB	Chassis Dimensions	Desktop: 4.7" high x 18" wide x 16" deep /Weight: 27lb. Minitower: 17" high x 8.5" wide x 18" deep /Weight: 32lb.
Bus Architecture	PCI/ISA	SYSTEM MANAGEMENT	
Chipset	Pentium with MMX: Intel's 430TX Pentium II: Intel's 440LX	Ease-of-Use	Plug-N-Play compliant, NEC Select Install CD
STORAGE		BIOS	DMI 2.0 compliant
Floppy Drive Standard	1.44MB 3.5" standard	Desktop Management	Intel LANDesk® Client Manager software for remote systems management, alerting, and asset control.
Hard Drive Option	2.1GB, 3.2GB, 4.3GB, 6.4GB Ultra DMA 33 in Windows 95 EIDE in Windows NT® Workstation 4.0	Autofix / Crash Protection	†CyberMedia® FirstAid® 97 Deluxe software
CD-ROM Drive Option	32X maximum variable-speed ATAPI	Health Monitoring	NEC MagicEye™ technology for system health monitoring of temperature, voltage, chassis intrusion alert and S.M.A.R.T. hard drive fault detection.
IOMEGA ZIP Drive Option	100MB ATAPI removable storage	Virus Protection	McAfee VirusScan™ software
Tape Back-up Option	4GB/8GB TRAVAN 4 ATAPI	Data Protection	Cheyenne® Backup proactive data backup prior to hard drive failure detection
PCMCIA Adapter Option	2 PCMCIA devices in the 5.25" external drive bay	Security	Protection of unauthorized data access via disabling/enabling of floppy, serial/parallel ports. User authentication, system identification, system log-in events tracking, chassis intrusion and hardware configuration change detection
GRAPHICS		System Diagnostic	QA Plus Pro
Graphics Standard	Pentium with MMX: 2MB SGRAM S3 Virge GX, 64-bit PCI graphics accelerator, 2D and 3D controller Pentium II: 4MB ATI EXPERT@WORK, 64-bit AGP graphics accelerator, 2D and 3D controller with 4MB upgrade module for 8MB total graphics memory	OPERATING SYSTEM SOFTWARE	
Graphics Option	Pentium with MMX: 4MB EDO Diamond Stealth 2000 Pro, 64-bit PCI graphics accelerator, 2D and 3D controller	Operating System	Microsoft Windows 95 or Windows NT Workstation 4.0 loaded on hard drive. Tested and certified for Novell® Netware®, Windows NT Workstation 4.0 and Windows 95.
AUDIO		APPLICATION SOFTWARE	
Integrated Audio	16-bit FM synthesis business audio, Creative Labs compatible	Microsoft Office 97 Suites	<b>Standard:</b> Office 97 Small Business Edition: Microsoft Word 97, Excel 97, Small Business Financial Manager, Publisher 97, Outlook 97 Desktop Information Manager, Auto Map Streets Plus <b>Optional:</b> Office 97 Professional Edition: Microsoft Word 97, Excel 97, PowerPoint, Access 97, Publisher 97, Outlook 97 Desktop Information Manager, Bookshelf Basics
Audio Option	32-bit Wavetable Creative Labs Sound Blaster 32	SERVICE & SUPPORT	
Speaker Option	Altec Lansing ACS-90	Warranty	Three years limited warranty with first year on-site. 7 x 24 toll free hardware technical support and extensive on-line support in USA and Canada for warranty period. 90 day free software support. Dedicated corporate technical support line.
INPUT/OUTPUT		COMPLIANCE	
Disk Interface	32-bit PCI bus mastering IDE interface. High speed Ultra DMA 33 and PIO Mode 4 data transfer at a max burst rate of more than 33MB/s. 33 and PIO Mode 4 data transfer at a max burst rate of more than 16MB/s. Dual channels support up to 4 PCI IDE devices.	Domestic	DOC - FCC Class B, Part 15, Subpart J; UL 1950
I/O Connectors	Pentium with MMX: 2 serial: DB9 RS-232C 16550 buffered; 1 parallel: DB25, ECP/EPP; 2 USB ports; 1 video: DB15 Pentium II: 2 serial: DB9 RS-232C 16550 buffered; 1 parallel: DB25, ECP/EPP; 1 USB port; 1 video: DB15	Canadian	C-UL C22.2 No. 950-M89; CRC c.1374
Keyboard	Enhanced keyboard: 104 keys, 12 function keys with 6 pin mini DIN connector	European	CE EMC Directive 89/336 EEC CE LVD Directive 73/23 EEC Meets all requirements in European Waste Regulation Ordinance for packaging and scrap.
Mouse	Microsoft IntelliMouse™ with 6 pin mini DIN connector		

†Available with Windows 95 models

\* All x2 products are capable of 56Kbps downloads; however due to FCC rules which restrict power output of service providers' modems, current download speeds are limited to 53Kbps. Actual speeds may vary depending on line conditions. Uploads from end users to providers travel at 28.8Kbps. An x2 capable modem, an x2 compatible local 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.

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