

*When Space is at a Premium and Flexibility is Key*

## POWERMATE® 2000 SERIES



If you need a desktop computer that must fit in a small space, we have the solution for you. The NEC PowerMate 2000 microdesktop is designed for environments where you want to expand your usable work area, or for cramped quarters when available space is limited. This compact system allows you to stay productive and expand workspace, yet has the power and features you might expect in a desktop twice its size.

This sleek microdesktop offers a footprint measuring only 10.6" x 7.5"<sup>1</sup> and weighs about 12 pounds. The unique form factor of this system combines the flexibility of a compact design with the functionality, manageability, and user interface of a traditional desktop.



With attention-grabbing display capabilities, the NEC PowerMate 2000 PC features an ultra-bright 15" flat panel LCD display, and an AGP Graphics Accelerator.

Meeting rooms and library study areas that are not equipped to accommodate bulkier computers can now provide users greater access to information. Environments such as financial institutions, research and development laboratories, and healthcare facilities can make better use of valuable space. And for

highly visible reception areas and executive offices, the stylish, high-powered PowerMate 2000 microdesktop can provide the appearance you want to portray.

<sup>1</sup>14.4" x 7.5" x 15.0" including LCD and mounting.

# NEC

# POWERMATE® 2000 SERIES TECHNICAL SPECIFICATIONS

## PROCESSOR AND MEMORY

<b>Processor</b>	Intel® Celeron™ 433MHz processor
<b>Primary Cache (L1)</b>	32KB integrated on processor
<b>Secondary Cache (L2)</b>	128KB
<b>Main Memory</b>	64MB <sup>1</sup> minimum, 256MB maximum 100MHz SDRAM SO-DIMM
<b>Memory Sockets</b>	Two SO-DIMM slots (144 pin)
<b>Flash ROM</b>	4Mbits
<b>Bus Architecture</b>	100MHz processor FSB, 66MHz 32-bit PCI I/O
<b>Chipset</b>	Intel 82810 (100MHz); Intel 82801AB

## DISPLAY

<b>Screen</b>	15" digital TFT (active matrix)
<b>Luminance/Brightness</b>	200 cd/m <sup>2</sup>
<b>Luminance Control</b>	20%-100%; 8 degrees of brightness adjustment
<b>Contrast Ratio</b>	200:1
<b>Pixel pitch</b>	0.297mm

## STORAGE

<b>Diskette Drive</b>	1.44MB <sup>2</sup> standard
<b>Hard Drive</b>	6.4GB <sup>3</sup> S.M.A.R.T. Drive
<b>CD-ROM</b>	24X max variable speed ATAPI drive

## GRAPHICS

<b>Graphics</b>	8MB <sup>1</sup> 100MHz AGP; built-in Sage Cheetah-II™ LCD panel hardware scaling
<b>Maximum Resolution</b>	1024 x 768 x 256K (internal); 1600 x 1280 x 16.7 million (external)

## INPUT/OUTPUT

<b>Network</b>	Intel 82559 10/100 Ethernet with Wake-on-LAN support
<b>Disk Interface</b>	32-bit PCI bus mastering IDE interface. Support for ATA-33 (Ultra DMA), and ATAPI devices.
<b>I/O Connectors</b>	Serial, enhanced parallel, VGA-out, 2 PS/2 ports, 2 USB ports, and RJ-45 LAN connector
<b>Keyboard</b>	Enhanced Ergonomic Keyboard: 104 keys, 12 function keys with palm rest, 6 pin mini DIN connector
<b>Mouse</b>	Logitech with wheel

## AUDIO

<b>Speakers</b>	Two built-in Pioneer stereo speakers; 48Khz
<b>Audio Jacks and Control</b>	Microphone in, headset out, line out; volume control
<b>16-bit Stereo Audio</b>	Sound Blaster Pro, Sound Blaster 2.0, 3-D surround sound, Windows Sound System, and MPU401 support

## EXPANSION

<b>PC Cards</b>	Two type-II 32-bit CardBus PC Card slots (5V or 3.3V interface)
<b>Dimension</b>	Base chassis: 10.6" (w) x 7.5" (d) x 2" (h); total height including LCD and mounting: 15"
<b>Weight</b>	12 lbs.

## POWER MANAGEMENT

<b>APM/ACPI</b>	Advanced Power Management 1.2 with support for IDE drive power down, VESA video power down, inactivity timer, and auto start. ACPI Ready.
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## SYSTEM MANAGEMENT

<b>Ease-of-Use</b>	Plug-in-Play compliant, PCI version 2.1, NEC Select Install CD
<b>BIOS</b>	DMI 2.0 compliant, SM (System Management) BIOS 2.1
<b>Virus Protection</b>	Network Associates® McAfee® VirusScan™ software
<b>Manageability Software</b>	LANDesk Client Manager, NEC WebTelligent, NEC SNMP Agent
<b>Data Protection</b>	Backup Client Software <sup>4</sup> providing proactive data backup prior to hard drive failure detection. Protection of unauthorized data access via disabling/enabling of diskette drive, and serial/parallel ports.
<b>Security</b>	User authentication, system identification, system configuration control, system login events tracking and Kensington chassis lock

## OPERATING SYSTEM SOFTWARE

<b>Operating System</b>	Microsoft Windows® NT Workstation 4.0, or Windows 98 factory installed on the hard drive. Tested and certified Novell® Netware®, Windows NT Workstation 4.0 & Windows 98. Microsoft PC98 certified. Microsoft Windows 2000 Ready
<b>Other software</b>	Netscape® browser, Microsoft® Internet Explorer, Adobe® Acrobat®

## POWER

<b>AC Power Input</b>	115/230 Volt, 50–60 Hz
<b>DC Power Output</b>	90 watt, 4.44 amps
<b>Typical Power Usage</b>	28 watts

## SERVICE AND SUPPORT

<b>Warranty</b>	Three year limited warranty <sup>5</sup> with first year limited on-site service <sup>6</sup> 7 x 24 toll-free hardware technical support in USA and Canada for warranty period. 90-day free software support. Dedicated corporate technical support line. Optional second and third year on-site service <sup>6</sup> and No-Fault Screen Assurance <sup>5</sup> are available.
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## OPERATING ENVIRONMENT

<b>Temperature</b>	32° F to 95° F (0° C to 35° C)
<b>Relative Humidity</b>	8% to 80%

## COMPLIANCE

<b>General</b>	Year 2000 information (see <a href="http://www.nec-computers.com">www.nec-computers.com</a> for details)
<b>Domestic</b>	FCC CFR 47 Part 15, Subpart B UL 1950 3rd Edition
<b>Canadian</b>	C-UL C22.2 No. 950-95 ICES-003 Issue 2, Revision 1

<sup>1</sup> Dynamic Video Memory Technology allocates video memory from total available memory. 8MB video memory is part of the total 64MB system memory (default).

<sup>2</sup> When referring to storage capacity, MB stands for one million bytes. Some utilities may indicate varying storage capacities. Total user-accessible capacity may vary depending on operating environments.

<sup>3</sup> When referring to storage capacity, GB stands for one billion bytes. Some utilities may indicate varying storage capacities. Total user-accessible capacity may vary depending on operating environments.

<sup>4</sup> Only available on Microsoft Windows 98

<sup>5</sup> For a free copy of the limited warranty, please write to NEC CSD, Attn: Warranty Dept., 8285 West 3500 South, Magna, UT 84044.

<sup>6</sup> On-site service is provided by third party authorized service providers and may not be available in some locations. In those areas in which it is provided, a technician will be dispatched, if necessary, following efforts to resolve the problem by telephone support.



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