

*The Space-Saving Corporate PC*

## POWERMATE ES SLIMLINE SERIES



**N**EC Computers Inc. delivers the PowerMate® ES SlimLine corporate desktop. This small form factor computer is engineered for performance and manageability in a networked enterprise – a compact solution for healthcare facilities, call centers, government offices, and financial institutions.

Measuring only 12.4" x 3.4" x 13.1" the ES SlimLine can be used as either a slim tower or small desktop, offering space-saving versatility. ES SlimLine systems are powered by Intel® Pentium® III or Celeron™ processors and come equipped with floppy and CD-ROM drives. With three PCI slots, front and rear

USB ports, and a wide selection of hard drive and memory options, this scalable computer provides exceptional expansion capability.

The ES SlimLine includes an integrated 3Com® 10/100 Ethernet, helping ensure that you are always connected to your enterprise network. A variety of hardware and software manageability features assist IT professionals in supporting multiple desktop systems across a networked enterprise.

Take advantage of the versatile design, business performance and manageability of NEC PowerMate ES SlimLine desktop systems.

# NEC

# POWERMATE® ES SLIMLINE SERIES TECHNICAL SPECIFICATIONS

## PROCESSOR AND MEMORY

<b>Processor</b>	Intel® Celeron™ processors – 500, 533MHz Pentium® III processor – 667, 733MHz (faster speeds when available)
<b>Primary Cache (L1)</b>	32KB integrated on processor
<b>Secondary Cache (L2)</b>	128KB (Celeron), 256KB (Pentium III)
<b>Main Memory</b>	64MB minimum, 512MB maximum 100MHz SDRAM
<b>Memory Sockets</b>	Two 168 pin card edge DIMM sockets (can be populated in any order and in any combination)
<b>Flash ROM</b>	4MB Flash RAM (AMI BIOS)
<b>Bus Architecture</b>	PCI; host BUS operating at 66MHz, 100MHz, 133MHz (FSB)
<b>Chipset</b>	Intel i810e

## STORAGE

<b>Diskette Drive</b>	1.44MB <sup>1</sup> standard
<b>Hard Drive Options</b>	10GB <sup>1</sup> , 15GB <sup>1</sup> (5400 rpm), 20GB <sup>1</sup> , 30GB <sup>1</sup> (7200 rpm) S.M.A.R.T Ultra ATA/66
<b>CD-ROM</b>	40X maximum 17X minimum variable speed ATAPI drive
<b>Optional DVD</b>	8X ATAPI Drive (with software DVD decoder for Windows 98 and Windows 2000)

## GRAPHICS

<b>Graphics</b>	Integrated Intel 3D graphics with Direct AGP and 4MB display cache <sup>2</sup>
<b>Maximum Resolution</b>	1600 x 1200 on 256 colors 1280 x 1024 on 16 bit & 24 bit true color

## INPUT/OUTPUT

<b>Network</b>	Integrated 3Com® 10/100 Ethernet with Wake-on-LAN support Optional PCI Intel Ethernet Pro100+ with Wake-on-LAN support
<b>Modem</b>	Optional 3Com 56K <sup>3</sup> V.90 data/fax modem
<b>Disk Interface</b>	Support for Ultra ATA/66 mode (66 Mbytes/sec) and Ultra ATA/33 mode, PIO mode 4 transfer up to 14 Mbytes/sec. Separate IDE connections for primary and secondary cables. Independent timing of up to 4 drives.
<b>I/O Connectors</b>	Serial, parallel, VGA, 2 PS/2 port, 2 USB ports, RJ-45 LAN connector, microphone, line-out, line-in; on motherboard - CD in, auxiliary in, telephone in
<b>Keyboard</b>	Enhanced keyboard: 104 keys, 12 function keys, 6 pin mini DIN PS/2 connector
<b>Mouse</b>	Logitech 3D button PS/2 wheel mouse
<b>16-bit Stereo Audio</b>	Integrated i810e supported AC97 2.1 compliant stereo audio

## EXPANSION

<b>uATX SlimLine Design</b>	Convertible design, capable of switching between minitower and desktop orientations
<b>Power Supply</b>	106W 115V/230V switch selectable
<b>Bays</b>	3 total 1 external 3.5" (diskette drive) 1 external 5.25" 1 internal 3.5" (hard drive)
<b>Expansion Slots</b>	3 PCI
<b>Dimensions</b>	HxWxD: 12.4" x 3.4" x 13.1" (315mm x 87mm x 332mm) Weight: 14 lb. minimum configuration

## 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 1.0 Compliant.
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## SYSTEM MANAGEMENT

<b>Ease-of-Use</b>	Plug-N-Play compliant, Support PCI version 2.2, NEC Select Install CD
<b>BIOS</b>	DMI 2.3 compliant, System Management BIOS 2.1
<b>Desktop Management</b>	Intel LANDesk® Client Manager 6.0 software for remote system management, alerting and asset control
<b>Virus Protection</b>	Norton AntiVirus 2000 software
<b>Security</b>	User authentication, system identification, system configuration control, system login events tracking, anti-theft ring, mouse and keyboard anti-theft feature and Kensington lock

## OPERATING SYSTEM SOFTWARE

<b>Operating System</b>	Microsoft® Windows® 2000, Windows NT® Workstation 4.0, or Windows 98 Second Edition factory installed on the hard drive. Tested and certified Novell® Netware®, Windows 2000, Windows NT Workstation 4.0 & Windows 98. Microsoft PC99 certified.
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## SERVICE AND SUPPORT

<b>Warranty</b>	Three year limited warranty <sup>4</sup> with first year limited on-site service <sup>5</sup> . 7 x 24 toll-free hardware technical support in USA and Canada for warranty period. 90-day free software support. Optional extended warranty programs with three or five years limited on-site service and next business day response.
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## COMPLIANCE

<b>General</b>	Year 2000 information (see www.nec-computers.com 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 ICVT-003 Issue 2, Revision 1
<b>European</b>	CE EMC Directive 89/336 EEC EN55022:1993 Class B EN50082-1:1997 CE LVD Directive 73/23 EEC EN60950 Meets all requirements in European Waste Regulation Ordinance for packaging and scrap

<sup>1</sup> When referring to storage capacity, MB stands for one million bytes and GB stands for one billion bytes. Some utilities may indicate varying storage capacities. Total user-accessible capacity may vary depending on operating environments.

<sup>2</sup> Dynamic Video Memory Technology allocates up to 4MB of video memory for the total available system memory.

<sup>3</sup> Download speeds are limited to 53Kbps. Actual speeds may vary depending on line conditions. Uploads travel at speeds up to 33.6Kbps. Requires compatible digital source.

<sup>4</sup> For a free copy of the limited warranty, please write to NEC Computers Inc, Attn: Warranty Department, 2371 S. President's Drive, Suite A, West Valley City, Utah 84120

<sup>5</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.

NEC Computers Inc. Recommends Windows 2000 Professional for Business.



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