

The Space-Saving Corporate PC

POWERMATE ES SLIMLINE SERIES



NEC 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

Processor	Intel® Celeron™ processors - 500, 533, 566MHz Pentium® III processor - 667, 733MHz (faster speeds when available)
Primary Cache (L1)	32KB integrated on processor
Secondary Cache (L2)	128KB (Celeron), 256KB (Pentium III)
Main Memory	64MB minimum, 512MB maximum 100MHz SDRAM
Memory Sockets	Two 168 pin card edge DIMM sockets (can be populated in any order and in any combination)
Flash ROM	4MB Flash RAM (AMI BIOS)
Bus Architecture	PCI; host BUS operating at 66MHz, 100MHz, 133MHz (FSB)
Chipset	Intel i810e

STORAGE

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

GRAPHICS

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

INPUT/OUTPUT

Network	Integrated 3Com® 10/100 Ethernet with Wake-on-LAN support Optional PCI Intel Ethernet Pro100+ with Wake-on-LAN support
Modem	Optional 3Com 56K ³ V.90 data/fax modem
Disk Interface	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.
I/O Connectors	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
Keyboard	Enhanced keyboard: 104 keys, 12 function keys, 6 pin mini DIN PS/2 connector
Mouse	Logitech 3D button PS/2 wheel mouse
16-bit Stereo Audio	Integrated i810e supported AC97 2.1 compliant stereo audio

EXPANSION

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

POWER MANAGEMENT

APM/ACPI	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

Ease-of-Use	Plug-N-Play compliant, Support PCI version 2.2, NEC Select Install CD
BIOS	DMI 2.3 compliant, System Management BIOS 2.1
Desktop Management	Intel LANDesk® Client Manager 6.0 software for remote system management, alerting and asset control
Virus Protection	Norton AntiVirus 2000 software
Security	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

Operating System	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

Warranty	Three year limited warranty ⁴ with first year limited on-site service ⁵ . 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

General	Year 2000 information (see www.nec-computers.com for details)
Domestic	FCC CFR 47 Part 15, Subpart B UL 1950 3rd Edition
Canadian	C-UL C22.2 No. 950-95 ICVT-003 Issue 2, Revision 1
European	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

¹ 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.

² Dynamic Video Memory Technology allocates up to 6MB of video memory for the total available system memory.

³ 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.

⁴ 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

⁵ 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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