



hp netserver
e 200



technical
specifications

the server with the best price/performance value for small businesses

the hp netserver e 200 is the easy entry-level server that is a perfect fit for small businesses that need a reliable file and print server at an affordable price.

The HP Netserver E 200 starts your small business off on the right track. The HP Netserver E 200 offers the best value-to-performance ratio of any major server provider. With the lowest price of any server in the broad HP Netserver product line, the HP Netserver E 200 positions your business for a smooth transition as your needs evolve.

Choose from four models with a powerful Intel® Pentium® III processor and a 133MHz front side bus—making your server perform quickly and reliably when it handles file, print, or shared applications.

Add to that HP's legendary reliability, service, and support—and the HP Netserver E 200 is the smart choice for the long-term success of your business.

- **Entry-level server at the price of a desktop PC**—gives you server-grade power in a 1GHz Intel Pentium III processor with 133MHz front side bus and up to 768MB of error-checking and -correcting (ECC) SDRAM memory
- **Room to grow**—with four PCI slots (two available in the SCSI version, three in the IDE version), one PCI/ISA combination slot, and seven shelves for mass storage, the HP Netserver E 200 has the expandability to let you upgrade your network server to meet the demands of a robust business
- **Reliability you would expect in an HP server**—including an embedded, dual-channel U/66 IDE controller

features

performance

processor	Intel Pentium III 1GHz processor with 133MHz front side bus
cache	256KB on-chip L2 cache
ECC memory	<ul style="list-style-type: none">• 128MB registered ECC SDRAM standard• Up to 768MB maximum memory capacity
I/O expansion slots	Four PCI slots (two available in the SCSI version, three in the IDE version) and one ISA slot
controllers	<ul style="list-style-type: none">• Embedded, dual-channel U/66 IDE controller• Additional SCSI controller card (in SCSI version only)
mass storage shelves	<ul style="list-style-type: none">• Seven shelves:<ul style="list-style-type: none">– One preinstalled 3.5-inch flexible disk drive– One preinstalled CD-ROM drive– One available for optional tape drive– One bundled HDD– Three open 1- x 3.5-inch shelves
maximum internal storage	Up to 72GB SCSI or 60GB IDE
video	<ul style="list-style-type: none">• Integrated 1024x768, 256-color, non-interlaced• 4MB SDRAM video memory
CD-ROM drive	48X-max-speed IDE CD-ROM drive
flexible disk drive	3.5-inch 1.44MB flexible disk drive
built-in I/O ports	<ul style="list-style-type: none">• Two 9-pin RS-232 serial ports• One 25-pin parallel port• One external SCSI port• One PS/2 mouse port• One PS/2 keyboard port• One AGP port
keyboard and mouse	Bundled keyboard and mouse

expandability

design features	<ul style="list-style-type: none">• All major assemblies easy to remove for upgrades or repair• Physically compatible with standard 19-inch racks
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flexibility

supported operating systems	Microsoft® Windows NT® 4.0 Server, Windows NT 4.0 Small Business Server, Windows® 2000 Server, Novell NetWare 5.1, Novell Small Business Suite 5, and Red Hat Linux 7.0, SuSE 7.0 Professional, Caldera eServer 2.3, Turbo Linux 6.0 (release 6.02)
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features (continued)

security and safety

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| system security | <ul style="list-style-type: none">• Assembly keylock• Plastic lock hook• Universal key |
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service and support

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| warranty | <ul style="list-style-type: none">• 1-year, next-business day, onsite limited warranty from HP or authorized resellers (standard business hours) worldwide• Pre-failure warranty/notification• Free telephone support for basic setup, installation, and troubleshooting for the life of the product |
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hp supportpacks

3-year, next-business-day onsite response	H4589A/E
3-year, same-day onsite response	H4590A/E
3-year, 24x7 onsite response	H4591A/E
5-year, next-business-day onsite response	H4592A/E
5-year, same-day onsite response	H4593A/E
5-year, 24x7 onsite response	H4594A/E

regulatory compliance

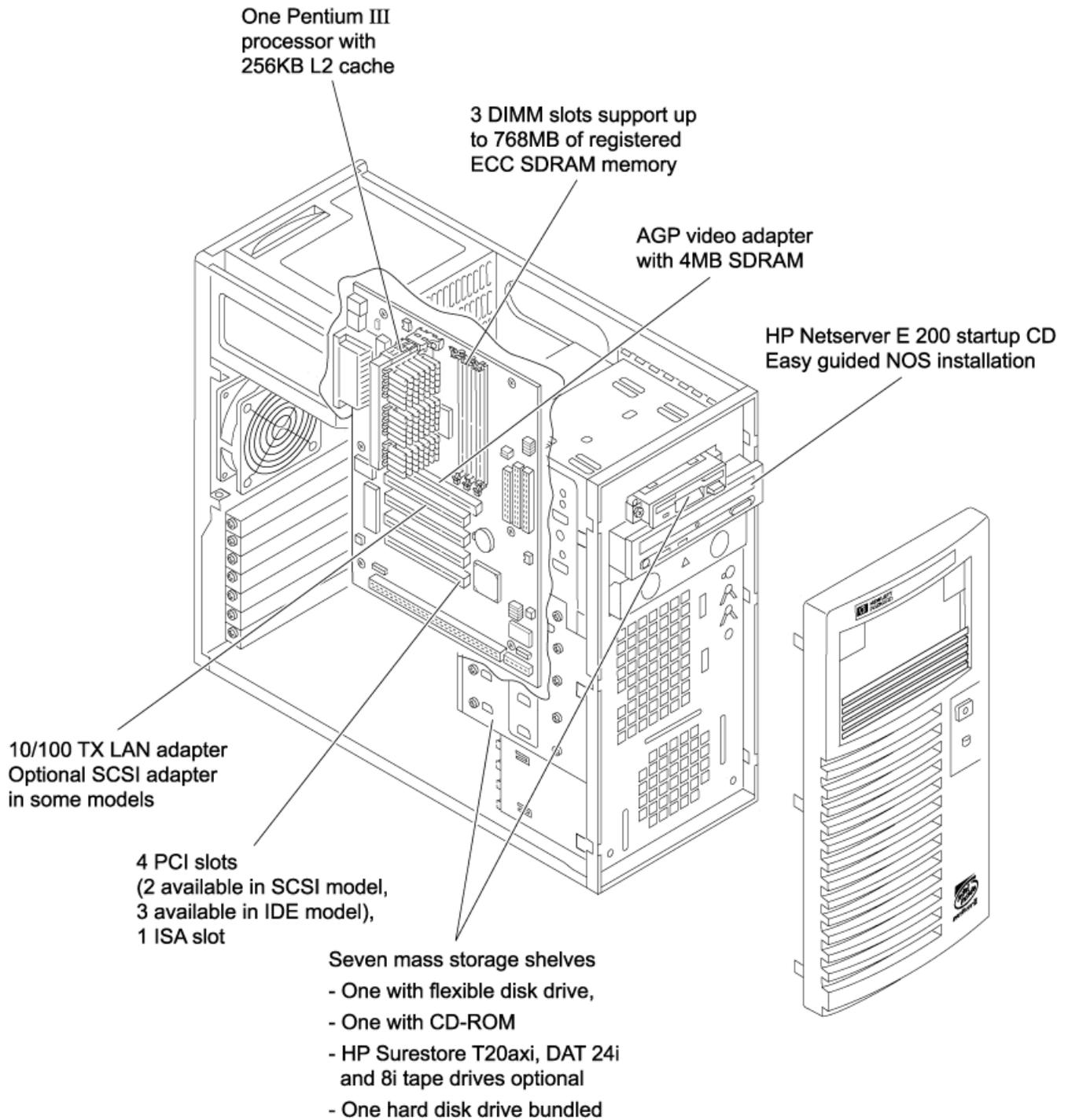
electromagnetic emissions	<ul style="list-style-type: none">• USA: FCC, Title 47, Part 15, Class B (Self Declaration)• EU Countries: EN 55022 Class B• International: CISPR 22 Class B• Korea: M of C Class A• Japan: VCCI Class B• Taiwan: BSMI CNS 13438 Class A
electromagnetic immunity	International: CISPR 24 Immunity (EN55024, EU Countries), including: <ul style="list-style-type: none">• ESD (EN6130-4-2): 4KV contact, 8KV air• Radiated Immunity (EN61000-4-3): 3V/m, 80% AM mod, 27MHz-1000MHz• EFT (EN61000-4-4): 1.0KV power, 0.5KV I/O lines• IEC 61000-3-2/3 Harmonic current/flicker
safety	<ul style="list-style-type: none">• EN 60950/IEC 950 Compliance (International)• UL and cUL Listed (USA and Canada, File E139742)• NOM Certified (Mexico)• TÜV Certified (Germany)
Japan energy saving law	<ul style="list-style-type: none">• Category: L• Energy Efficiency Ratio: 0.047• Energy Efficiency Ratio is the quotient used to measure consumed power according to the Energy Saving Law measurement method divided by the capacity specified in the Energy Saving Law

accessories

	product accessory	product no.
memory	• 64MB SDRAM DIMM	D8264A
	• 128MB SDRAM DIMM	D8265A
	• 256MB SDRAM DIMM	P1833A
storage devices	• 18.2GB Ultra3 SCSI disk drive (10,000rpm common tray)	P1167A
	• 20GB IDE HDD, low profile, 7200rpm HDD	P2666A
	• HP Surestore DAT 8i tape drive	C1528K/V
	• HP Surestore DAT 24i tape drive	C1555D/V
	• HP Surestore DLT VS80i tape drive	C7504A
	• HP Surestore DAT8e external tape drive	C1529K
	• HP Surestore DAT24e external tape drive	C1556K
	• HP Surestore DAT24x6e external Autoloader	C1559C
	• HP Surestore DAT40x6e external Autoloader	C1517A
	• HP Surestore DLT80e external tape drive	C5726A
	• HP Surestore DLT VS80e external tape drive	C7503A
	• HP Surestore 1/9 LTO Rack	C7748CB/AA
	• HP Surestore Autoloader DLT1 1/9 Rack	C9251CB
	• HP Surestore Autoloader 1/9 standalone, Remote Management Card	C7146RA/NB
• HP Surestore Autoloader 1/9 rackmount, Remote Management Card	C7746RA/NB	
PCI SCSI adapters	• HP Single-Channel Ultra Wide host bus adapter (must order Internal Accessory SCSI cable D8212A)	D5025A
	• HP Ultra3 SCSI Host Bus Adapter	P3413A
	• HP NetRAID-1M 1-channel Ultra3 SCSI controller	P3410A
SCSI cables	• Internal Accessory SCSI cable	D8212A
	• HP Ultra3 SCSI host bus adapter	P3413A
monitors	• 15" Display	D2828A
	• 17" Display	D8901A
network interface card	HP Netserver 10/100TX PCI LAN adapter	D5013B
APC uninterruptible power supply (UPS)	(APC) American Power Conversion UPS devices used to protect servers and storage against downtime and data loss due to power anomalies and are fully compatible with the HP environment. Available through Hewlett-Packard. Refer to http://www.hp.com/racksolutions/p_ups.html	
hp racks	Rackmount Kit	J1469A

¹ Ultra3 SCSI performance can only be achieved by using an Ultra3 SCSI controller or an Ultra3 SCSI RAID controller with the Ultra 3 SCSI drives.

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environmental specifications

operating temperature	41 to 95° F (5 to 35° C)
operating humidity	20% to 80% non-condensing
acoustic emissions	Sound level (LpA): <45dB
power supply	Auto-ranging 100 to 120V ac @ 4.6A, 50/60Hz; or 200 to 240V ac at 2.8A, 50/60Hz
power availability	256W continuous
power consumption	305W continuous maximum with 110/220V supply
system dimensions	7.09in W x 16.54in H x 19.69in D (180mm W x 420mm H x 500mm D)
system weight	33lb (16kg), excluding keyboard

choose your hp netserver e 200

product no.	processor
P5403A	E 200 with Pentium III 1GHz/133MHz, 18.2GB SCSI HDD
P5404A	E 200 with Pentium III 1GHz/133MHz, 20GB IDE HDD
P5447A	E 200 with Pentium III 1GHz/133MHz, 40GB IDE HDD

"A" models include 128MB registered ECC SDRAM, 48X max-speed IDE CD-ROM drive, flexible disk drive, keyboard, and mouse. Products not available in USA or Canada.

support

Support can be delivered by your local reseller or by the Hewlett-Packard Customer Support Organization. For additional information on HP products and services, visit us at www.hp.com

For the location of the nearest sales office, call:

United States: +1 800 637 7740

Canada: +1 905 206 4725

Japan: +81 3 3331 6111

Latin America: +1 305 267 4220

Australia/New Zealand: +61 3 9272 2895

Asia Pacific: +8522 599 7777

Europe/Africa/Middle East: +41 22 780 81 11

For more information, contact any of our worldwide sales offices or HP Channel Partners (in the U.S. call 1-800-637-7740).

HP's world-class services and support provide maximum uptime for HP NetServers. Standard warranty includes next-day on-site service, phone support, and free exchange parts.

For a complete list of enhanced Supportpacks, see:
http://netserver.hp.com/netserver/products/highlights_e200.asp

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