



hp netserver
e 800



technical
specifications

the easy server your business can depend on

the hp netserver e 800 is a perfect fit for small to medium-sized businesses that operate with little or no in-house IT support.

Easy to set up, back up, troubleshoot, and expand—the HP Netserver E 800 is clearly the best solution for businesses with little or no in-house IT support.

HP makes setting up a server easy by providing assistance every step of the way—from ordering to installation to configuration. With a smooth, fast setup, the HP Netserver E 800 helps workgroups start boosting their productivity and efficiency almost immediately.

To safeguard your business-critical information, HP offers a wide range of products that provide cost-effective insurance against data loss. It features HP One-Button Disaster Recovery, one-click backup, and an integrated scheduler. It includes an installation and configuration wizard for easy setup.

The HP Netserver E 800 is designed to monitor and correct itself. It comes with error checking and correcting (ECC) memory and Automatic Server Restart (ASR). If your attention is needed, the HP Tiptools for Servers Auto Alert will notify you via an onscreen message and suggest potential issue resolutions. The HP Tiptools for Servers Remote Console enables your authorized support provider to monitor and troubleshoot your server remotely.

The HP Netserver E 800 offers plenty of room to grow. It can change and grow with your network needs—from adding more memory and storage to adding new users and applications. The built-in HP Tiptools for Servers Auto Alert, which is constantly monitoring your server, will let you know automatically when more storage is needed.

The HP Netserver E 800 provides an excellent value for small to medium-sized workgroups. It is designed to let you focus on your business, not your computing system.

- **Easy to set up**—HP Navigator for guided setup and installation to get your server up and running quickly
- **Easy to back up**—Fully integrated backup solution available on certain models, including the HP Surestore DAT24i tape drive and intuitive, integrated backup software with HP One-Button Disaster Recovery
- **Easy to troubleshoot**—HP Tiptools for Servers with an intuitive, Web-based interface for easy HP Netserver management
- **Easy to expand**—Expandability that will continue to support the growing needs of your business and maximize your computing investment with up to two Intel® Pentium® III 733MHz, 800MHz, 866MHz, or 933MHz processors and up to 2GB ECC SDRAM memory

features

performance

processor	Up to two Intel Pentium III 733MHz, 800MHz, 866MHz, or 933MHz processors with 133MHz front side bus
cache	256KB on-chip L2 cache
ECC memory	<ul style="list-style-type: none">• 128MB buffered ECC SDRAM standard• Up to 2GB (4x512MB) maximum memory capacity
controller	<ul style="list-style-type: none">• Integrated, dual-channel Ultra2 SCSI controller
video	<ul style="list-style-type: none">• Integrated 1024×768, 256-color, non-interlaced• 4MB SDRAM video memory
CD-ROM drive	40X Max-speed EIDE
flexible disk drive	3.5-inch, 1.44MB flexible disk drive
keyboard and mouse	Bundled keyboard and mouse
I/O expansion slots	Seven PCI slots (five 32-bit and two 64-bit slots)
mass storage shelves	<ul style="list-style-type: none">• Seven shelves (five available):<ul style="list-style-type: none">– One preinstalled 3.5-inch flexible disk drive– One preinstalled CD-ROM drive– One open common tray removable media bay suitable for tape backup– Four low-profile shelves for internal hard disk drives
maximum internal storage	<ul style="list-style-type: none">• Up to 145.6GB (4x36.4GB low-profile drives)
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 knockout port• One mini-DIN mouse• One mini-DIN keyboard• One SVGA port• Two USB ports
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

features (continued)

intelligent management

installation and configuration	<ul style="list-style-type: none">• HP Netserver Navigator with automated, menu-driven system setup and configuration• Guided network operating system installation• Automatic installation of monitoring tools
management software	<ul style="list-style-type: none">• HP Tiptools for Servers, a comprehensive server management solution with intuitive browser-based user interface, facilitates troubleshooting, administration, and detailed inventory information• Easy integration with other leading network and system management products

flexibility

supported operating systems	<ul style="list-style-type: none">• Microsoft® Windows NT® 4.0 Server• Windows NT 4.5 Small Business Server• Windows® 2000 Server• Novell NetWare 4.2, 5.1• Novell Small Business Suite 5• Red Hat Linux 6.2• SCO OpenServer 5.05
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security and safety

system security	<ul style="list-style-type: none">• Startup password• FDD, CD-ROM, and HDD boot disable• Power, reset switch lock• Enable or disable serial port, FDD, and write operations to FDD• Lockable chassis
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service and support

warranty	<ul style="list-style-type: none">• 3-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 instant support	Fast, Web-based support that automates and speeds resolution of most computing problems. Available at no charge, HP Instant Support is:
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- Automated—Web-based problem identification, diagnosis, and resolution
- Personalized—Ability to select your preferred support experience
- Relevant—Seamless transmission of hardware information and case history to HP support specialists at any time
- Reliable—It's there when you need it, 24 hours a day

For more information, visit the HP Instant Support Web site at:

<http://www.hp.com/go/instant-support>

hp supportpacks

product no.

• 3-Year, Onsite, 4-Hour Response	H4634A/VV
• 5-Year, Onsite, Next-day Response	H4633VV
• 3-Year, Onsite, 4-Hour Response (24x7)	H4636A/VV
• 5-Year, Onsite, 4-Hour Response	H4635VV
• 5-Year, Onsite, 4-Hour Response (24x7)	H4637VV
• Warranty Guide Kit	P1783AV
• 3-Year, Hardware Call to Repair (24x7)	H5544A
• 3-Year, Hardware Call to Repair (24x7)	H5544VV

features (continued)

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 • Australia/New Zealand: CISPR 22, Class B • Taiwan: BSMI CNS 13438 Class A
electromagnetic immunity	<p>Generic Immunity (EN 50082-1, EU countries), including:</p> <ul style="list-style-type: none"> • ESD (IEC-801-2): 4KV contact, 8KV air • Radiated Immunity (IEC-801-3): 3V/m, 80% AM mod, 27MHz–1000MHz • EFT (IEC-801-4): 1.0KV power, 0.5KV I/O lines • IEC 60001-3-2/3 Harmonic current/flicker
safety	<ul style="list-style-type: none"> • EN 60950/IEC 60950 Compliance (International) • UL and cUL Listed (USA and Canada, File E139742) • Highly Specialized Equipment (Mexico) • TÜV Certified (Germany) • CE Marking (Europe)
Japan energy saving law	<ul style="list-style-type: none"> • Category: K • Energy Efficiency Ratio: 0.042 • Energy Efficiency Ratio is the quotient that consumed power is measured according to the Energy Saving Law measurement method divided by the capacity specified in the Energy Saving Law

accessories

	product accessory	product no.
memory	<ul style="list-style-type: none"> • 128MB SDRAM DIMM • 256MB SDRAM DIMM • 512MB SDRAM DIMM 	D8265A D8266A D8267A
internal storage devices	<ul style="list-style-type: none"> • 9GB Ultra3 SCSI disk drive (7200rpm common tray)¹ • 9GB Ultra3 SCSI disk drive (10,000rpm common tray)¹ • 18GB Ultra3 SCSI disk drive (7200rpm common tray)¹ • 18GB Ultra3 SCSI disk drive (10,000rpm common tray)¹ • 36GB Ultra3 SCSI disk drive (10,000rpm common tray)¹ 	P1213A P1214A P1215A P1167A P1169A
host bus adapter	<ul style="list-style-type: none"> • HP Single-Channel Ultra Wide SCSI adapter • HP Ultra3 SCSI PCI adapter 	D5025A P3413A
SCSI cables	<ul style="list-style-type: none"> • Internal Accessory SCSI cable • Internal/External SCSI cable 	P1773A P1774A

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

accessories (continued)

	product accessory	product no.
netRAID controllers	<ul style="list-style-type: none"> HP NetRAID-1M controller w/64MB HP NetRAID-2M controller w/64MB HP NetRAID 2M controller w/128MB 	P3410A P3411A P3475A
internal backup drives	<ul style="list-style-type: none"> HP Surestore DAT8i tape drive HP Surestore DAT24i tape drive HP Surestore DAT40i tape drive 	C1528K/V C1555D/V C5686A/V
external backup drives	<ul style="list-style-type: none"> HP Surestore DAT8e tape drive HP Surestore DAT24e tape drive HP Surestore DAT40e tape drive HP Surestore DLT40e tape drive HP Surestore DLT80e tape drive HP Surestore DLT1 	C1529K C1556D C5687A C1579A C5726A C7483A
rack-optimized backup drives	<ul style="list-style-type: none"> HP Surestore 2Uk rack kit HP Surestore 3Uk rack kit HP Surestore DAT24k DDS-3 tape drive HP Surestore DAT40k DDS-4 tape drive HP Surestore DLT 40k DLT drive HP Surestore DLT 80k DLT drive 	C6542A C6543A C6525A C6541A C6515A C6529A
automated backup drives	<ul style="list-style-type: none"> HP Surestore DAT24x6e (6x24GB) Autoloader HP Surestore DAT40x6e (6x40GB) Autoloader HP Surestore 418 DLT Autoloader¹ HP Surestore 818 DLT Autoloader¹ HP Surestore Autoloader 1/9 standalone, Remote Management Card HP Surestore Autoloader 1/9 rackmount, Remote Management Card¹ 	C1559C C5717A C6280F C6282RA/NB C7146RA/NB C7746RA/NB
external storage devices	<ul style="list-style-type: none"> HP Netserver Storage System/6 2.5-meter external SCSI cable (used when connecting to HP Netserver Storage System/6) 	D3604B D3637C
processor upgrade	<ul style="list-style-type: none"> Intel Pentium III 733MHz Intel Pentium III 800MHz Intel Pentium III 866MHz Intel Pentium III 933MHz 	P1769A P1770A P2464A P2585A
monitors	HP offers a wide variety of monitors (15", 17", and 21") (please refer to HP Order Assistant at www.netserver.hp.com/netserver/tools/ for complete configuration and ordering information)	
network interface card	<ul style="list-style-type: none"> HP Netserver 10/100TX PCI LAN adapter HP 10/100 IPSec 3DES Security LAN adapter HP gigabit ethernet LAN adapter 	D5013B P3492A P3482A
uninterruptible power supply	UPS devices are available from American Power Conversion (APC) (for additional information, contact your local APC reseller, or see APC's Web page at www.apcc.com)	
rack mount kit	HP E series rack mount kit	J1469A

¹ Autoloaders—<http://www.products.storage.hp.com/eprise/main/storage/DisplayPages/automatedbackup.htm>

hp netserver e 800

Enjoy true server power with up to two Pentium III 733MHz, 800MHz, 866MHz, or 933MHz processors with 256KB cache (one standard)

4 DIMM slots support up to 2GB of ECC SDRAM memory for Maximum performance

Embedded 10/100 TX LAN adapter (NIC) saves you time and money (freeing up an additional PCI slot)

Get up and running immediately:

- HP Netserver Navigator bootable CD
- Easy Guided NOS installation
- HP Tiptools for Servers provides easy troubleshooting and management

Provides maximum expansion flexibility with 7 available PCI slots (2-64 bit slots, 5-32 bit slots)

Integrated dual-channel Ultra2 SCSI disk controller provides rapid data access, maximum storage device support and configuration flexibility

Designed for expansion with seven mass storage shelves

- One with flexible disk drive
- One with CD-ROM
- HP Surestore DAT24i tape drive bundled in some E 800 models
- Four hard disk drive shelves

environmental specifications

operating temperature	41 to 95° F (5 to 35° C)
operating humidity	20% to 80% noncondensing
acoustic emissions	Sound Pressure (LpA): <40dBA, bystander position at normal operating conditions
power supply	Nominal, 100–127/200–240VAC, 50/60Hz; range, 90–140/180–264VAC, 47/63Hz
power availability	256W continuous
power consumption	305W continuous maximum with 110/220V supply
system dimensions	7.09in W × 16.54in H × 19.69in D (180mm W × 420mm H × 500mm D)
system weight	33lb (16kg), excluding keyboard

choose your hp netserver e 800*

product no.	description	product no.	description
D9401A	E 800 with Pentium III 733MHz	D9402A	E 800 with Pentium III 733MHz and 9.1GB SCSI HDD
D9403T ¹	E 800 with Pentium III 733MHz and 9.1GB SCSI HDD	D9404A	E 800 with Pentium III 733MHz and 9.1GB SCSI HDD with HP Surestore DAT24i
D9405T ¹	E 800 with Pentium III 733MHz and 9.1GB SCSI HDD with HP Surestore DAT24i	D9406AV ²	E 800 with Pentium III 733MHz
D9408A	E 800 with Pentium III 800MHz	D9409A	E 800 with Pentium III 800MHz and 9.1GB SCSI HDD
D9410T ¹	E 800 with Pentium III 800MHz and 9.1GB SCSI HDD	D9411A	E 800 with Pentium III 800MHz and 9.1GB SCSI HDD with HP Surestore DAT24i
D9412T ¹	E 800 with Pentium III 800MHz and 9.1GB SCSI HDD with HP Surestore DAT24i	P1135AV ²	E 800 with Pentium III 800MHz
P2457A	E 800 with Pentium III 866MHz	P2458A	E 800 with Pentium III 866MHz and 9.1GB SCSI HDD
P2459T ¹	E 800 with Pentium III 866MHz and 9.1GB SCSI HDD	P2460A	E 800 with Pentium III 866MHz and 9.1GB SCSI HDD with HP Surestore DAT24i
P2461T ¹	E 800 with Pentium III 866MHz and 9.1GB SCSI HDD with HP Surestore DAT24i	P2462AV ²	E 800 with Pentium III 866MHz
P2575A ³	E 800 with Pentium III 933MHz	P2576A ³	E 800 with Pentium III 933MHz and 9.1GB SCSI HDD
P2577A ³	E 800 with Pentium III 933MHz and 9.1GB SCSI HDD with HP Surestore DAT24i	P2578T ¹	E 800 with Pentium III 933MHz and 9.1GB SCSI HDD
P2579T ¹	E 800 with Pentium III 933MHz and 9.1GB SCSI HDD and HP Surestore DAT24i	P2580AV ²	E 800 with Pentium III 933MHz

* All models include 128MB buffered SDRAM, dual-channel Ultra2 SCSI controller, HP Navigator, CD-ROM drive, flexible disk drive, keyboard, and mouse. Not all models available worldwide.

¹ Topvalue model available only in Europe.

² AV models do not include memory.

³ Model not available in North America.

support

Support can be delivered by your local reseller or by the Hewlett-Packard Customer Support Organization. Web-based troubleshooting available through HP Instant Support: www.hp.com/go/instant-support

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 Netserver. Standard warranty includes:

- Next-day on-site service
- Phone support
- Free exchange parts

For a complete list of enhanced SupportPacks, see:

http://netserver.hp.com/netserver/products/highlights_e800.asp

HP Select Express Program:

HP Netserver are also available through the *HP Select Express* Program, which provides direct, coordinated delivery. This program offers custom integration of HP hardware offered at HP's lowest prices. For more information, visit our Web site at:

<http://netserver.hp.com/netserver/buy/select/sep>

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