

The Easy Server Your Business Can Depend On



HP NetServer E 40

Product Highlights

Benefit	Key Product Features
Easy to set up	<ul style="list-style-type: none"> • HP NetServer Navigator bootable CD to get up and running immediately • HP Configuration Assistant automates and ensures proper hardware configuration • Novell's IntranetWare for Small Business in-the-box software option delivers easy-to-manage networking and Internet access • HP Installation Assistant provides guided installation process for Windows NT, NetWare, and IntranetWare • Preinstalled and configured HP DeskDirect network adapter card • HP Order Assistant and integrated Tested Products List help ensure all the right parts are ordered and compatible
Easy to back up	<ul style="list-style-type: none"> • Specially designed, optional, HP SureStore T4i tape backup solution provides 4GB native storage capacity and up to 8GB compressed (using data compression software); Fast SCSI-2 interface optimized for use with HP NetServer E Series, at 514KB per second, native transfer rate • Optional, high-performance HP SureStore DAT backup solution • Support for referenced solutions—Cheyenne and Seagate
Easy to troubleshoot	<ul style="list-style-type: none"> • HP Support Anywhere Auto Alert proactively warns of problems and advises on quick resolution • HP Support Anywhere Web Interface for easy Web-based access to key server information • HP Support Anywhere Remote Console for remote server management and troubleshooting • For fast and easy remote access Symantec's pcANYWHERE 3.2™ • Extensive built-in self-tests • Easy-to-open front cover (no tools needed) for instant access to internal components • Built-in security: lockable front cover, power-on password, administrative password, enable/disable capabilities
Easy to expand	<ul style="list-style-type: none"> • Six mass storage shelves: one with flexible disk drive, one with CD-ROM, four free (two front-accessible, two internal) • Six expansion slots: two PCI, two PCI/ISA combination, two ISA • Expandable RAM to a maximum of 384MB • Expandable video memory to a maximum of 2MB • Optional HP NetRAID adapter (disk array controller) for use with external HP NetServer Storage System/6 • HP Support Anywhere Auto Alert provides automatic notification when more hard disk capacity is needed
HP reliability for maximum dependability	<ul style="list-style-type: none"> • Built-in Automatic Server Restart (ASR) • Error Checking and Correcting (ECC) memory • Broad choice of HP on-site support options up to 24 hours a day

Product Features / Specifications

Processors	Intel Pentium Pro 180MHz or 200MHz processor
Network Operating Systems ¹	Supports Novell® NetWare® and IntranetWare™ for Small Business* from Novell; Microsoft® Windows® NT™ Server; MS-DOS®; SCO® OpenServer™
Memory	16MB or 32MB ECC standard memory, expandable to 384MB; 256KB L2 write-back cache
Video	1MB standard video memory (up to 1024x768, 256-color), expandable to 2MB
Mass Storage	One 1.44MB, 3.5-inch flexible disk drive; one 8x IDE CD-ROM drive; up to 16.8GB (4 x 4.2GB) maximum storage (two front-accessible shelves, two internal shelves)
SCSI Controller	Single-channel bus master PCI Fast SCSI-2 controller (Adaptec 2910)
Network Interface Controller (NIC)	HP DeskDirect 10/100TX PCI LAN adapter (J3171A)
Built-In I/O Ports	One 25-pin parallel, two 9-pin serial, video, mini-DIN keyboard and mouse
Total I/O Slots	Six total: two PCI, two PCI/ISA combination, two ISA (one PCI slot and one PCI/ISA slot occupied)

¹ 32MB RAM recommended for IntranetWare for Small Business and Windows NT Server

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Novell's IntranetWare for Small Business*

Easy to install and administer	<ul style="list-style-type: none"> • Quick Start™ disk and coach-based setup • Hardware Auto Detect • Simplified Directory • Novell Easy Administration Tool™ (NEAT)
Easy communications and collaboration	<ul style="list-style-type: none"> • NetWare Connect™ supporting up to 25 users per network • Netscape Navigator 3.0 browser • Web Server 2.5
Maximum value	<ul style="list-style-type: none"> • True nodal licensing for one-by-one connection purchases • High-value pricing

* Software activation key required. Contact reseller for assistance.

Optional Accessories

	Product No.
To add memory (6 slots; must be added in pairs)	
8MB SIMM (60ns)	D4890A
16MB SIMM (60ns)	D4891A
32MB SIMM (60ns)	D4892A
64MB SIMM (60ns)	D4290A
1MB video memory upgrade kit	D4219A
To add extra storage (4 free shelves; no trays needed)	
2.1GB Fast SCSI-2 disk drive (4500RPM)	D4884A
2.1GB Fast SCSI-2 hard disk (5400RPM)	D2077A
4.2GB Fast SCSI-2 hard disk drive (5400RPM)	D4963A
1.2GB IDE drive	D2785A
2.5GB IDE drive	D2786A

Extra devices

8x IDE CD-ROM drive	D4381A
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Highest-value backup solution

HP SureStore T4i providing 4GB native storage and up to 8GB compressed (using data compression software). Includes necessary rails	C5644A
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Highest-performance backup solution

HP SureStore DAT8i internal tape drive (8GB compressed)	C1528G
HP SureStore 5000i internal tape drive (4GB compressed)	C1526G
HP SureStore 2000i internal tape drive	C1525G
Plus 5.25-inch DAT/CD-ROM mounting rail kit	D2880A

To add external storage

HP NetServer Storage System/6 cabinet	D3604B
HP NetRAID adapter	D4943A

Monitors

HP Super VGA 1024 14" display	D2813A
HP Ergo Ultra VGA 15" display	D2806B
HP Ultra VGA 1280 17" display	D2818A

To install additional network adapters (one is standard)

HP DeskDirect 10/100VG PCI LAN adapter	J2585B
HP DeskDirect 10/100VG ISA LAN adapter	J2573A
HP DeskDirect 10/100TX PCI LAN adapter	J3171A

Regulatory Compliance

Electromagnetic Compliance
 CISPR 22 Class B (International)
 EN 55022 Class B (EU Countries)
 EN50082-1, Generic Immunity (EU Countries), includes:
 • IEC 801-2, ESD
 • IEC 801-3, RI
 • IEC 801-4, FI
 FCC Class B self-declared (USA)
 M of C Class A (Korea)
 VCCI Class 2 (Japan)

Safety Compliance
 CSA Certified (Canada, File LR37427)
 EN 60950 Compliance (International)
 NOM (Mexico)
 TÜV Certified (Germany)
 UL Listed (USA, File E139742)

Other Specifications

Operating Temperature 5 to 35° C

Operating Humidity 20% to 80% noncondensing

Acoustic Emissions Sound level (LpA): <50 dB(A)

Power Supply nominal, 100–127/200–240V AC, 50/60Hz; range, 90–140/180–264V AC, 47/53Hz

Power Consumption 307W continuous max with 110/220V supply, 360 W peak with 110/220V supply

Power Availability 200W continuous, 240W peak

System Dimensions 17.25" H x 7.5" W x 17.5" D

System Weight 32lb (not including keyboard, mouse, navigator)

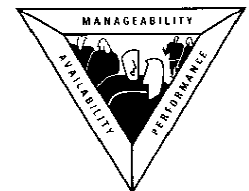
Configuration and Models

Name	Model	Product No.	Includes
HP NetServer E 40 6/180	M1	D4937A	180MHz processor, 16MB ECC memory, 10/100TX NIC, no HDD
	M2100	D4938A	180MHz processor, 16MB ECC memory, 10/100TX NIC, 2.1GB HDD
HP NetServer E 40 6/200	M1	D4933A	200MHz processor, 32MB ECC memory, 10/100TX NIC, no HDD
	M2100	D4934A	200MHz processor, 32MB ECC memory, 10/100TX NIC, 2.1GB HDD

Support

Support can be delivered either by your local reseller or by the Hewlett-Packard Customer Support Organization.

HP SupportPacks	Order Number
3-year, on-site, 2nd business day	H5522A
3-year, on-site, same business day	H5517A
3-year, on-site, 7-day, 24-hour	H5512A
1-year, on-site, next business day (standard with product)	Product No. only
Installation with Configuration	H5754A
HP SupportPacks for LAN	Order Number
Standard hours, 5 incidents	H5570A
7-day, 24-hour, 5 incidents	H5571A
Standard hours, 10 incidents	H5572A
7-day, 24-hour, 10 incidents	H5573A



HP's MAP strategy—delivering the highest levels of Manageability, Availability, and Performance—ensures self-supported workgroups don't have to compromise on ease of use, dependability, or value when looking for powerful networking solutions.

Support Your Business Can Depend On

HP's legendary commitment to support is especially valuable to self-supported workgroups. Count on HP and its authorized support providers to ensure optimum system installation, quickly resolve any unforeseen network issues, and assist with general server maintenance—today and tomorrow. HP offers a broad range of innovative support choices to meet your needs.

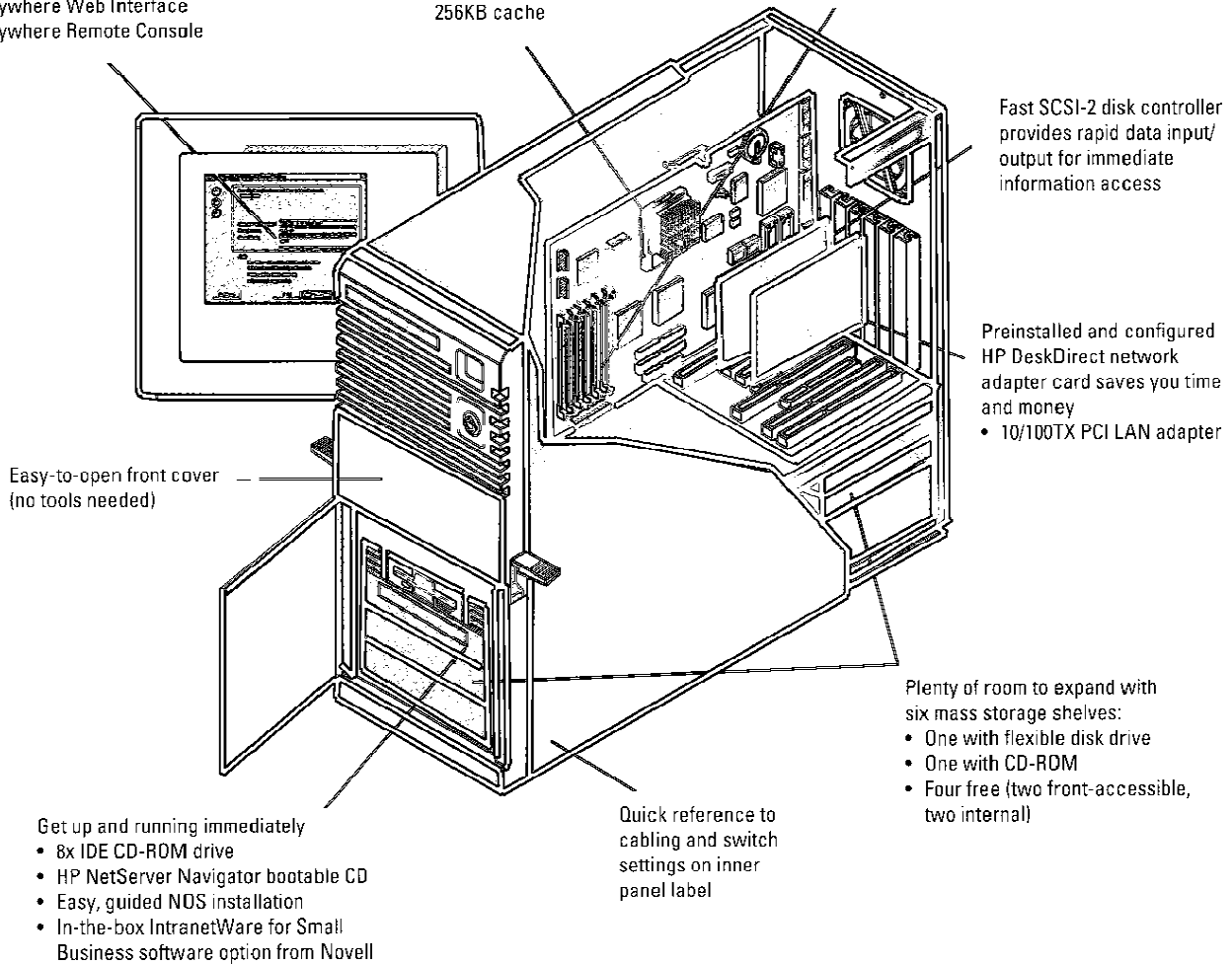
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HP Support Anywhere: friendly, intuitive graphical user interface for easy server monitoring and fast, convenient, remote support

- HP Support Anywhere Auto Alert
- HP Support Anywhere Web Interface
- HP Support Anywhere Remote Console

Enjoy true server power with Pentium® Pro 180MHz and 200MHz processor with 256KB cache

Parity Memory SIMMs giving Error Checking and Correcting (ECC) functionality, expandable to 384MB (16MB or 32MB preinstalled depending on model)



Fast SCSI-2 disk controller provides rapid data input/output for immediate information access

Preinstalled and configured HP DeskDirect network adapter card saves you time and money

- 10/100TX PCI LAN adapter

Easy-to-open front cover (no tools needed)

Plenty of room to expand with six mass storage shelves:

- One with flexible disk drive
- One with CD-ROM
- Four free (two front-accessible, two internal)

Get up and running immediately

- 8x IDE CD-ROM drive
- HP NetServer Navigator bootable CD
- Easy, guided NOS installation
- In-the-box IntranetWare for Small Business software option from Novell

Quick reference to cabling and switch settings on inner panel label

For Additional Information

HP WWWeb server	http://www.hp.com/go/netserver
HP NetServer FTP server	ftp://netserver.hp.com
HP NetServer BBS	1-408-553-3500
HP FAX Response system	1-800-333-1917 (U.S.) 1-208-344-4809 (worldwide from fax only)
HP NetServer Literature	1-800-322-4772

1 The HP NetServer E Series is designed and optimized for Novell NetWare versions 3.12, 4.1, and 4.11 and IntranetWare, Microsoft Windows NT Server versions 3.51 and 4.0, MS-DOS, and SCO OpenServer 3.0 and 5.0. These versions of Novell NetWare, Microsoft Windows NT Server, and SCO OpenServer are the only tested, certified, and supported Network Operating Systems on the HP NetServer E Series. Customers who choose to downgrade to older versions of these Network Operating Systems or to install any other NOS will not receive support from Hewlett-Packard for any problems, hardware, or software. Drivers for other operating systems are not distributed by Hewlett-Packard for the HP NetServer E Series.



pcANYWHERE³² Novell

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