Overview

### What's New

- Supports up to 2 Intel® Pentium® III 1.40 GHz FC-PGA (Flip Chip-Pin Grid Array) processors

At A Glance

- Supports up to 2 Intel Pentium III 1.40 GHz or 1.26 GHz FC-PGA processors
- Two USB ports
- ROM Based Setup Utility (RBSU) and PXE support
- ServerWorks LE 3.0 Chipset with 133-MHz FSB
- 512-KB second level ECC cache standard (full speed)
- 128-MB PC133-MHz Registered ECC SDRAM DIMM memory standard, expandable to 4 GB
- Five total slots available: four 64-bit/33MHz PCI, one 32-bit/33MHz PCI
- Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL (Wake On LAN)
- Integrated Dual Channel Ultra ATA/100 Adapter with Integrated ATA RAID 0, 1, & 1+0 (ATA Models) or Integrated Dual Channel Wide Ultra3 SCSI Adapter (SCSI Models)
- Support for up to five 1″ Wide Ultra3 NHP SCSI hard drives or four 1″ ATA NHP Drives (depending on Model)
- Internal storage capacity of up to 254.8 GB (3 x 36.4-GB non-hot-plug + 2 x 72.8-GB hot plug 1″ Wide Ultra3 SCSI HD) (SCSI Models) with optional Drive Cage
- Internal storage capacity of up to 320 GB (4 x 80-GB 1″ ATA/100 drives) (ATA Models)
- Integrated ATI Rage XL with 8MB SDRAM video
- 300W Power Supply
- Compaq *Insight Manager*™, *SmartStart*™ and Automatic Server Recovery-2 (ASR-2)
- Protected by Compaq Services, including a one-year, limited warranty, Next Business Day 1 year on-site limited Global warranty and Pre-Failure Warranty, which covers processors, memory, and hard drives — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.
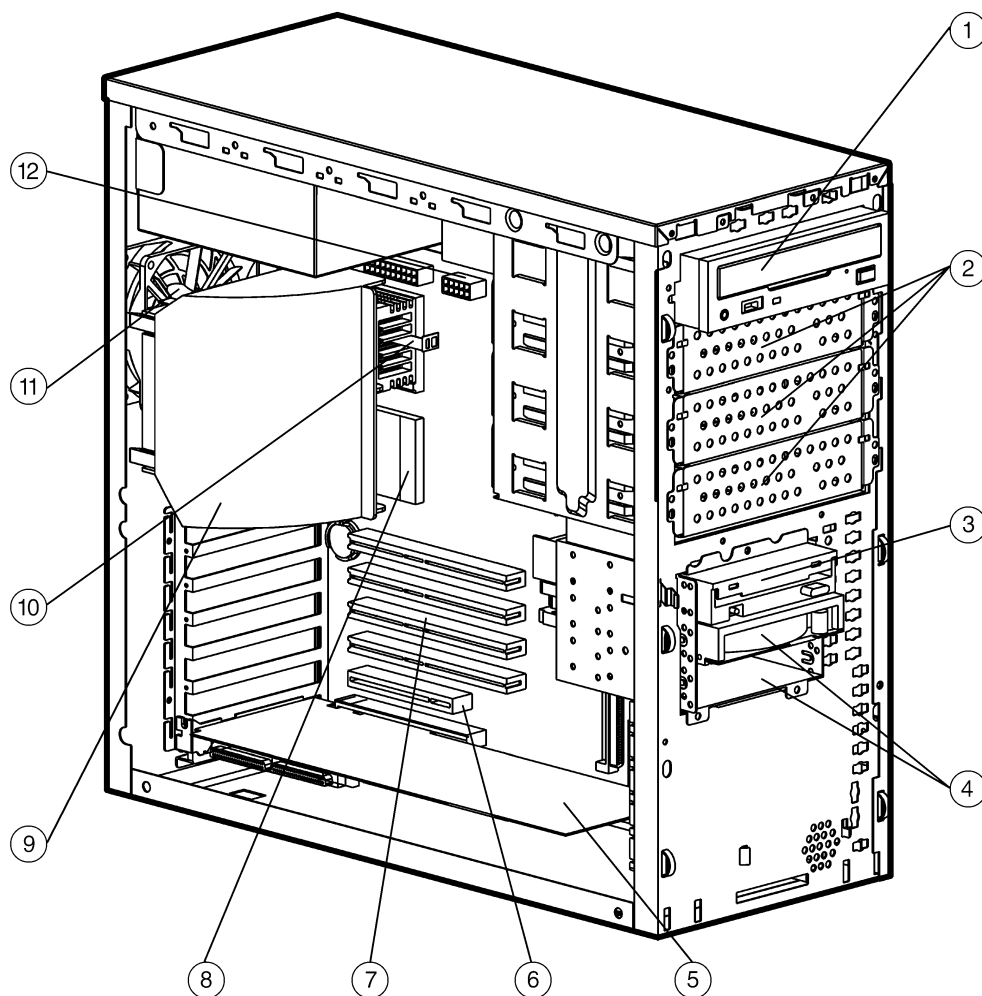
1. 40x Max IDE CD-ROM Drive
2. Removable Media Bays (1.6" each)
3. 1.44MB Floppy Drive
4. Two 1" Non-Hot Plug Drive Bays
5. Server Feature Board
6. One 32-bit/33MHz PCI Slot
7. Four 64-bit/33MHz PCI Slots
8. Sockets for Processor #2 (Unpopulated)
9. Baffle
10. Processor #1 (Populated)
11. System Fan
12. Power Supply Connector

COMPAQ

Standard Features

Processor *One of the following depending on Model*	Intel Pentium III processor 1.40 GHz Intel Pentium III processor 1.26 GHz	
Cache Memory *One of the following depending on Model*	Integrated 512-KB Level 2 ECC cache (full speed)	
Chipset	ServerWorks LE 3.0 Chipset with 133-MHz Front Side Bus Note: For more information regarding ServerWorks, please see the following URL: http://www.serverworks.com/products/overview.html	
Memory	Standard Maximum	128 MB (PC133-MHz ECC Registered SDRAM DIMM memory) 4 GB
Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL (Wake On LAN)	

Expansion Slots	I/O (5 Total, 5 Available)		PCI Voltage:
	64-bit/33MHz PCI	4	3.3 volts
	32-bit/33MHz PCI	1	5.0 volts

Storage Controller	Integrated Dual Channel Wide Ultra3 SCSI Adapter (SCSI Models) OR
	Integrated Dual Channel Ultra ATA-100 IDE Adapter with Integrated ATA RAID 0, 1, & 1+0 (ATA Models)

Storage	Diskette Drives	1.44 MB
	CD-ROM	40x IDE (ATAPI) CD-ROM Drive

	Hard Drives	One of the following:
		    None
		    (1) 18.2-GB Wide Ultra3 SCSI 10,000 rpm 1″ Drive (SCSI Models only)
		    (1) 40-GB ATA/100 7200 rpm 1″ Drive (ATA 1.26-GHz and higher Models only)

	Maximum Internal Storage with Optional Hot Plug Drive Cage (SCSI Models)	254.8 GB (3 x 36.4 GB non-hot-plug + 2 x 72.8 GB hot plug) (internal drive bays, and optional hot plug drive cage)
	Maximum Internal Storage (ATA Models)	320 GB (4 x 80.0 GB) (internal drive bays and removable media bays)

Interfaces	Parallel	1
	Serial	2
	Pointing Device (Mouse)	1
	Graphics	1
	Keyboard	1
	USB	2
		Note: Please see the following URL for additional information regarding USB support: http://www.compaq.com/products/servers/platforms/usb-support.html.
	Network RJ-45 (Ethernet)	1

Standard Features

Graphics	Integrated ATI RAGE XL Video Controller with 8MB SDRAM Video Memory

Form Factor	Tower (5U) (Tower to Rack Enabling Option Kit (PN 238547-B21) available)

***ProLiant™* Essentials Foundation Pack Software**	Compaq Insight Manager 7	Compaq Insight Manager 7 helps maximize system uptime and performance and reduces the cost of maintaining the IT infrastructure by providing proactive notification of problems before those problems result in costly downtime and reduced productivity. Compaq Insight Manager 7 is easy to set up and provides rapid access to detailed fault and performance information gathered by the Compaq Management Agents. One-click-access to the Remote Insight Lights Out Edition board allows systems administrators to take full graphical control of ProLiant servers in remote locations or lights-out data centers. Finally, Compaq Insight Manager 7 in concert with the Compaq Version Control Agents and Compaq Version Control Repository Manager enables systems administrators to version manage and update system software across groups of Compaq ProLiant servers.
	Compaq Management Agents	The Compaq Management Agents (http://www.compaq.com/products/servers/management/agents.html) form the foundation for Compaq's Intelligent Manageability strategy. They provide direct, browser-based access to in-depth instrumentation built into Compaq servers, workstations, desktops, and portables, and send alerts to Compaq Insight Manager 7 and other management consoles in case of subsystem or environmental failures. For additional information about the Compaq Management Agents and other management product from Compaq, please visit the management website at http://www.compaq.com/manage.
	Compaq SmartStart	SmartStart is a tool that simplifies server setup, providing a rapid way to deploy reliable and consistent server configurations. For more information, please visit the SmartStart website at http://www.compaq.com/smartstart. SmartStart version supported (minimum): SmartStart 5.20
	Compaq *ActiveUpdate™*	Compaq ActiveUpdate is a web-based application that keeps IT managers directly connected to Compaq for proactive notification and delivery of the latest software updates.
	Compaq *ROMPaq*™, support software, and configuration utilities	The latest software, drivers, and firmware fully optimized and tested for your ProLiant server and options.
	Compaq Survey Utility and diagnostics utilities	The most advanced configuration analysis, reporting and troubleshooting utilities used by Compaq and at your fingertips.
	Optional ProLiant Essentials Value Packs	Optional software offerings that selectively extend the functionality of an Adaptive Infrastructure to address specific business problems and needs: • Rapid Deployment Pack – an automated Compaq solution for multi-server deployment and provisioning, enabling companies to quickly and easily adapt to changing business demands. • Workload Management Pack – provides easier management of complex environments, improving overall server utilization and enabling Windows 2000 customers for the first time to confidently deploy multiple applications on a single multiprocessor ProLiant Server.
	Note: For more information regarding ProLiant Essentials Software, please see the following URL: http://www.compaq.com/ProLiantessentials. Note: This Web site is available in English only.	

Industry Standard Compliance	ACPI V1.0B Compliant PCI 2.2 Compliant PXE Support WOL Support Microsoft® Logo certifications

Standard Features

Manageability	Compaq Insight Manager 7
	Redundant ROM
	Remote Flash ROM
	Automatic Server Recovery-2 (ASR-2)
	Drive Parameter Tracking (with Smart Array Controller)
	Dynamic Sector Repairing (with Smart Array Controller)
	Pre-Failure Warranty (covers processors, memory and hard drives
Security	Power-on password
	Setup password
	Diskette boot control
	Power switch security
	Intruder Alert Message
Power Supply	300 Watts, PFC (Power Factor Correcting)
System Fans	1 non-hot plug; non-redundant fan shipped standard. 1 fan total supported.
Required Cabling	For required cabling information, refer to the Compaq website at http://www.compaq.com/products/servers/ProLiantML330/. Note: This web site available in English only.
OS Support	Microsoft Windows® NT® Server 4.0 and Microsoft Windows NT Server 4.0 Terminal Server Edition
	Microsoft BackOffice Small Business Server 2000
	Microsoft Windows 2000 Server
	Novell® NetWare® 5.1 Novell NetWare Small Business Suite 5.1
	Novell Netware 6 (SCSI Model only)
	LINUX® (Red Hat®, SuSE®, Caldera® eServer) - (SCSI Models only)
	Note: For a more complete and up-to-date listing of supported OS's and versions, please visit our OS Support Matrix at: ftp://ftp.compaq.com/pub/products/servers/os-support-matrix-310.pdf.
	Note: For an up-to-date listing of the latest drivers available for the Compaq ProLiant ML330, please see: http://www.compaq.com/support/files/server/us/index.html

Standard Features

Rack Airflow Requirements	• Rack 9000 and 10000 series Cabinets

The increasing power of new high-performance processor technology requires increased cooling efficiency for rack-mounted servers. The Compaq 9000 Series Rack and the new 10000 Series Racks provides enhanced airflow for maximum cooling, allowing these racks to be fully loaded with servers using the latest processors.

• Rack 7000 series Cabinets

When installing a server with processors running at speeds of 550 MHz or greater in Compaq Rack 7000 series racks with glass doors (165753-001 (42U), and 163747-001 (22U)), the new processor technology requires the installation of Compaq's new High Airflow Rack Door Inserts (327281-B21 (42U), 327281-B22 (42U 6 pack), or 157847-B21 (22U)) to promote enhanced airflow for maximum cooling.

CAUTION: If a third-party rack is used, observe the following additional requirements to ensure adequate airflow and to prevent damage to the equipment:

  o   <u>Front and rear doors:</u> If your 42U server rack includes closing front and rear doors, you must allow 5,350 sq cm (830 square inches) of hole evenly distributed from top to bottom to permit adequate airflow (equivalent to the required 64 percent open area for ventilation).

  o   <u>Side:</u> The clearance between the installed rack component and the side panels of the rack must be a minimum of 7 cm (2.75 inches)

CAUTION: Always use blanking panels to fill all remaining empty front panel U-spaces in the rack. This arrangement ensures proper airflow. Using a rack without blanking panels results in improper cooling that can lead to thermal damage.

Note: For additional information, refer to the Setup and Installation Guide or the Documentation CD provided with the server, or to the server documentation located in the Support section at the following URL: http://www5.compaq.com/products/servers/proliantml330/index.html

Service and Support	Compaq Services provides a one-year, limited warranty, including Pre-Failure Warranty (coverage of hard drives, memory and processors) fully supported by a worldwide network of resellers and service providers. Compaq technical assistance is available 7x24, toll free in the United States and Canada. Telephone support services may be covered under warranty or available for an additional fee.

Note: Limited Warranty includes 1 year Parts, 1 year Labor, 1-year on-site support.

A full range of *CarePaq*™ packaged hardware and software services:
  –   Installation and start up
  –   Extended coverage hours and enhanced response times
  –   System management and performance services
  –   Availability and recovery services

Note: For more information, customer/resellers can contact http://www.compaq.com/services

Please see the following URL regarding Warranty Information For Your Compaq Products: http://www.compaq.com/support/warranty_upgrades/web_statements/176738.html

For additional information regarding Worldwide Limited Warranty and Technical Support, please see the following URL: ftp://ftp.compaq.com/pub/supportinformation/ejourney/176738.pdf

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.

Models

ML330T02 P1400-512KB 128MB, 40GB, ATA		
267621-xx2	**Processor**	(1) Intel Pentium III 1.40 GHz (standard)
	Cache Memory	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra ATA-100 IDE Adapter with Integrated ATA RAID 0,1, & 1+0
	Hard Drive	40 GB Ultra ATA/100
	Internal Storage	320 GB maximum (with optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

ML330T02 P1266-512KB 128MB, 40GB, ATA		
267620-xx2	**Processor**	(1) Intel Pentium III 1.26 GHz (standard)
	Cache Memory	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra ATA-100 IDE Adapter with Integrated ATA RAID 0,1, & 1+0
	Hard Drive	40 GB Ultra ATA/100
	Internal Storage	320 GB maximum (with optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

ML330T02 P1400-512KB 128MB, 18GB, SCSI		
267622-002	**Processor**	(1) Intel Pentium III 1.40 GHz (standard)
	Cache Memory	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra3 SCSI Adapter
	Hard Drive	(1) 18.2 GB Wide Ultra3 SCSI 10,000 rpm 1″ Drive
	Internal Storage	254.8 GB maximum (with optional hot plug drive cage and optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

ML330T02 P1266-512KB 128MB, 18GB, SCSI		
267623-xx2	**Processor**	(1) Intel Pentium III 1.26 GHz (standard)
	Cache Memory	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra3 SCSI Adapter
	Hard Drive	(1) 18.2 GB Wide Ultra3 SCSI 10,000 rpm 1″ Drive
	Internal Storage	254.8 GB maximum (with optional hot plug drive cage and optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

Models

ML330T02 P1400-512KB 128MB, SCSI	Processor	(1) Intel Pentium III 1.40 GHz (standard)
267622-001	Cache	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra3 SCSI Adapter
	Hard Drive	(None (standard)
	Internal Storage	254.8 GB maximum (with optional hot plug drive cage and optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

ML330T02 P1266-512KB 128MB, SCSI	Processor	(1) Intel Pentium III 1.26 GHz (standard)
267623-xx1	Cache	Integrated 512-KB Level 2 cache (full speed)
	Memory	128 MB (Standard) to 4 GB (Maximum) PC133-MHz ECC Registered SDRAM DIMM
	Network Controller	Compaq NC3163 Fast Ethernet NIC (embedded) PCI 10/100 WOL
	Storage Controller	Integrated Dual Channel Ultra3 SCSI Adapter
	Hard Drive	(None (standard)
	Internal Storage	254.8 GB maximum (with optional hot plug drive cage and optional hard drives)
	Optical Drive	40x IDE (ATAPI) CD-ROM Drive
	Form Factor	Tower (5U) (Tower to Rack Enabler Option Kit available)

Country Code Key	XX=00	NA
	XX=01	Australia
	XX=03	UK
	XX=04	Germany
	XX=34	Austria
	XX=05	France
	XX=29	Japan
	XX=37	AP
	XX=42	Euro
	XX=AA	PRC

Options

ProLiant ML330 G2 Unique Options	Tower to Rack Enabling Kit	238547-B21
	Note: This Tower to Rack Enabling Kit is required when installing the ProLiant ML330 G2 in rack cabinets.	
	ProLiant ML330 Generation (G2) SCSI Cable Kit	273463-B21
	Note: This SCSI Cable Kit (PN 273463-B21) is required when installing an internal tape drive and a SCSI Controller	
ProLiant Essentials Value Pack Software	Rapid Deployment Pack, 1 User, V1.1	267196-B21
	Note: This license allows 1 server to be managed and deployed via the Deployment Server.	
	Rapid Deployment Pack, 10 Users, V1.1	269817-B21
	Note: This license allows 10 servers to be managed and deployed via the Deployment Server.	
	ProLiant Essentials Workload Management Pack (Featuring Compaq Resource Partitioning Manager version 1.1)	266988-B21
	Note: For more information regarding ProLiant Essentials Software, please see the following URL: http://www.compaq.com/ProLiantessentials. Note: This Web site is available in English only.	
Processors	Pentium III P1400-512 KB Processor Option Kit	231118-B21
	Note: The Pentium III P1400-512K Processor Option Kit is supported by the ProLiant ML330 Generation 2 (G2), ProLiant ML350 Generation2 (G2), and ProLiant ML370 Generation 2 (G2) servers.	
	Pentium III P1266-512KB Processor Option Kit	231117-B21
	Note: The Pentium III P1266-512K Processor Option Kit is supported by the ProLiant ML330 Generation 2 (G2), ProLiant ML350 Generation2 (G2), and ProLiant ML370 Generation 2 (G2) servers.	
	Pentium III P1133-512KB Processor Option Kit	238888-B21
	Note: The Pentium III P1133-512K Processor Option Kit is supported by the ProLiant ML330 Generation 2 (G2), ProLiant ML350 Generation2 (G2), and ProLiant ML370 Generation 2 (G2) servers.	
	Pentium III P1000-256KB Processor Option Kit	245037-B21
Memory (DIMMs)	1024-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit	128280-B21
	512-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit	128279-B21
	256-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit	128278-B21
	128-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit	128277-B21
	64-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit	128276-B21
Optical Drives	12X DVD-ROM Drive Option Kit (Carbon)	217053-B21
Internal Storage	ML3xx Internal Two Bay Hot Plug Wide Ultra2/Ultra3 SCSI Drive Cage (without Fan)	244059-B21
	Note: This Drive Cage has one 1″ drive bay and one 1.6″ drive bay.	
Hard Drives	*Wide Ultra3 SCSI – Non-Hot Plug* (SCSI Models only)	
	36.4-GB Wide Ultra3 SCSI 10,000 rpm Drive (1″)	176497-B21
	18.2-GB Wide Ultra3 SCSI 10,000 rpm Drive (1″)	142674-B21
	Wide Ultra3 SCSI –Hot Plug (SCSI Models only)	
	Note: These Hot Plug Drives are for use in conjunction with the ML3xx Internal Two Bay Hot Plug Wide Ultra2/Ultra3 SCSI Drive Cage (PN 244059-B21).	
	72.8-GB Wide Ultra3 SCSI 10,000 rpm Drive (1″)	232432-B22
	36.4-GB Wide Ultra3 SCSI 10,000 rpm Drive (1″)	176496-B22
	18.2-GB Wide Ultra3 SCSI 10,000 rpm Drive (1″)	142673-B22
	36.4-GB Wide Ultra3 SCSI 15,000 rpm Drive (1″)	292316-B22
	18.2-GB Wide Ultra3 SCSI 15,000 rpm Drive (1″)	188122-B22

Options

Hard Drives *(continued)*	**ATA 100 – Non-Hot Plug** (ATA Models only)	
	80-GB ATA/100 7,200 rpm Drive (1″)	278424-B21
	40-GB ATA/100 7,200 rpm Drive (1″)	230534-B21

Storage Controllers – SCSI Drives	Note: The following Storage Controllers are qualified for SCSI drives only. They do not support the ATA Drives.	
	Compaq RAID LC2 Controller	188044-B21
	Compaq RAID LC2 Controller (Japan)	188044-291
	Smart Array 431 Controller	127695-B21
	Smart Array 431 Controller (Japan)	127695-291
	Smart Array 532 Controller	225338-B21
	Smart Array 532 Controller (Japan)	225338-291
	64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter	154457-B21
	64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter (Japan)	154457-291
	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter	129803-B21
	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter (Japan)	129803-291

Wireless HAP Solution	Compaq WL410 Wireless SMB Access Point (US)	191811-001
	Compaq WL410 Wireless SMB Access Point (Australia)	191811-011
	Compaq WL410 Wireless SMB Access Point (Europe)	191811-021
	Compaq WL410 Wireless SMB Access Point (UK)	191811-031
	Compaq WL410 Wireless SMB Access Point (Japan)	191811-291
	Compaq WL410 Wireless SMB Access Point (China)	191811-AA1
	Compaq WL410 Wireless SMB Access Point (Korea)	191811-AD1
	Compaq WL410 Wireless SMB Access Point (S. Africa)	191811-AR1
	Compaq WL510 Wireless Enterprise Access Point (US)	216709-001
	Compaq WL510 Wireless Enterprise Access Point (Australia)	216709-011
	Compaq WL510 Wireless Enterprise Access Point (Europe)	216709-021
	Compaq WL510 Wireless Enterprise Access Point (UK)	216709-031
	Compaq WL510 Wireless Enterprise Access Point (Italy)	216709-061
	Compaq WL510 Wireless Enterprise Access Point (Denmark)	216709-081
	Compaq WL510 Wireless Enterprise Access Point (Switzerland)	216709-111
	Compaq WL510 Wireless Enterprise Access Point (Japan)	216709-291
	Compaq WL510 Wireless Enterprise Access Point (China)	216709-AA1
	Compaq WL510 Wireless Enterprise Access Point (Korea)	216709-AD1
	Compaq WL510 Wireless Enterprise Access Point (S. Africa)	216709-AR1

Communications	Compaq NC3123 Fast Ethernet NIC PCI 10/100 WOL	174830-B21
	Compaq NC3134 Fast Ethernet NIC 64 PCI Dual Port 10/100	138603-B21
	Compaq NC3135 Fast Ethernet Module Dual 10/100 Upgrade Module for NC3134 and NC3131	138604-B21
	Compaq NC6132 1000 SX Upgrade Module	338456-B23
	Compaq NC3133 Fast Ethernet Module 100 FX Upgrade Module for NC3134 and NC3131	338456-B25
	Compaq NC6136 Gigabit Server Adapter, 64-bit/66MHz, PCI, 1000 SX	203539-B21
	Compaq NC7131 Gigabit Server Adapter, 64-bit/66MHz, PCI, 10/100/1000-T	158575-B21
	Note: Any NC31XX, NC61XX, or NC71XX NIC can be used for redundancy with the embedded NC3163 Network Controller.	
	56K v.90 PCI Modem	239137-xx1

Options

Country Code Key	XX = 00	US	XX = 15	Greece
	XX = 01	Austria	XX = 16	S. America
	XX = 03	UK	XX = 17	ARAB
	XX = 04	Germany	XX = 18	Belgium
	XX = 05	France	XX = 24	Poland
	XX = 06	Italy	XX = 28	Thailand
	XX = 07	Spain	XX = 29	Japan
	XX = 08	Denmark	XX = 33	Netherlands
	XX = 09	Norway	XX = 35	Finland
	XX = 10	Sweden/Finland	XX = 37	APD
	XX = 11	Switzerland	XX = AB	Taiwan
	XX = 12	French Canadian	XX = AD	Korea
	XX = 13	Portugal	XX = BB	HE
	XX = 14	Turkey	XX = C9	LA MERCO

Management Options		
	Remote Insight Lights-Out Edition II (NA, LA)	227251-001
	Remote Insight Lights-Out Edition II (EMEA)	227251-021
	Remote Insight Lights-Out Edition II (ROW)	227251-371
	Compaq Remote Insight Lights-Out Edition (NA, LA)	157866-001
	Compaq Remote Insight Lights-Out Edition (EURO)	157866-021
	Compaq Remote Insight Lights-Out Edition (ADP, Japan)	157866-371

Monitors		
	Flat Panel TFT8030 Color Monitor Two-Tone	234362-xxx
	Flat Panel TFT7020 Color Monitor Two-Tone	253216-xxx
	Flat Panel TFT5030 Color Monitor Two-Tone (Carbon/Silver)	228134-xxx
	Flat Panel TFT5015 Color Monitor (Opal)	234043-xxx
	Flat Panel TFT5015 Color Monitor Two-Tone (Carbon/Silver)	234044-xxx
	P720 CRT Monitor Two-Tone (Carbon/Silver)	244373-xxx
	P920 CRT Monitor Two-Tone (Carbon/Silver)	244375-xxx
	P1220 CRT Monitor Two-Tone (Carbon/Silver)	244374-xxx
	V720 CRT Monitor (Opal)	232943-xxx
	V720 CRT Monitor Two-Tone (Carbon/Silver)	232944-xxx
	V570 Color Monitor	228114-xxx
	V570 Color Monitor Two-Tone (Carbon/Silver)	228113-xxx
	S920 Color Monitor (Opal)	240325-xxx
	S920 Color Monitor Two-Tone (Carbon/Silver)	240326-xxx
	Compaq S720 Color Monitor (Opal) (Lite-On) Note: Available in North America, Canada, and Greater China only	239286-xxx
	Compaq S720 Color Monitor Two-tone (Carbon/Silver) (Lite-On) Note: Available in North America, Canada, and Greater China only	239287-xxx
	Compaq S720 Color Monitor (Opal) (Samsung) Note: Available in APD, Latin America, EMEA, and Japan only	238992-xxx
	Compaq S720 Color Monitor Two-tone (Carbon/Silver) (Samsung) Note: Available in APD, Latin America, EMEA, and Japan only	238993-xxx
	S510 Color Monitor	168636-xxx

Options

CRT Country Code Key		

NORTH AMERICA (NA)/LATIN AMERICA (LA)

Dash #	Description
-001	NA Kit with US Power Cord
-002	Carbon model with US Power Cord
-003	Touch Screen model with US Power Cord
-004	NAFTA model with US Power Cord (Made in Mexico)
-005	NA Kit with Powered Speakers
-006	GSA model with US Power Cord
-007	NH MPR model with US power cord (Made in Mexico)
-B24	TCO model without power cord (Digital Classic)
-201	EH model for Brazil (older Brazil models used -B29)
-202	EH model for Brazil Carbon (older Brazil models used -B29)
-C91	EH model for Mercosur countries
-C92	EH model for Mercosur countries Carbon
-B29	EH/ALADI model for Latin America

Note: All NA/LA models above are NH

EUROPE, MIDDLE EAST AND AFRICA (EMEA)

Dash #	Description
-021	NH/TCO with Eurocord (DCE Hub)
-022	NH/MPR with Eurocord (DCE Hub) (India)
-023	NH Carbon model with Eurocord (DCE Hub)
-024	NH Touch Screen model with Eurocord (DCE Hub)
-025	NH Kit with Speakers and Eurocord
-A91	NH/TCO without power cord (Dubai hub)
-A92	NH/MPR without power cord (Dubai hub)
-031	NH/TCO with UK Cord (UK Hub)
-032	NH/MPR with UK Cord (UK Hub)
-033	NH/TCO carbon with UK Cord
-035	NH Kit with Speakers and UK Cord
-B21	SH/MPR without power cord (S. Africa Hub)
-B23	SH/TCO without power cord (S. Africa Hub)
-B27	SH/TCO Carbon without power cord (S. Africa Hub)

PACIFIC/AUSTRALIA (APD)

Dash #	Description
-B22	NH/MPR without power cord
-B24	NH/TCO without power cord
-B25	EH Carbon model without power cord
-B26	NH Touch Screen model without power cord
-011	SH model with AUZ/NZ power cord
-015	SH model with speakers AUZ/NZ power cord
-012	SH Carbon model with AUZ/NZ power cord
-AD1	NH model for Korea
-AD2	NH Carbon model for Korea
-B28	EH model without power cord
-B35	EH model with speakers no power cord (Singapore)

Options

CRT Country Code Key *(continued)*	**GREATER CHINA (GCD)**	
	Dash #	**Description**
	-AA1	NH/China Kit with CCIB label (Local Sales)
	-AA2	NH/ Carbon China Kit with CCIB label (Local Sales)
	-KA1	NH/China Kit with CCIB label (External Sales/Bundles in HK)
	-AB1	NH/Taiwan kit, mfg. in Taiwan
	JAPAN (CKK)	
	Dash #	**Description**
	-291	NH/Japan Kit with 3-2 pin adapter
	-292	NH Carbon Japan Kit with 3-2 pin adapter

TFT Country Code Key	**EUROPE, MIDDLE EAST & AFRICA (EMEA)**	
	Dash #	**Description**
	-021	Europe
	-031	UK
	NORTH AMERICA	
	Dash #	**Description**
	-001	NA
	-B24	All NA/LA models
	APD	
	Dash #	**Description**
	-011	Australia/NZ
	JAPAN (CKK)	
	Dash #	**Description**
	-291	Japan

Tape Drives

Note: To run any external SCSI-based devices, the customer needs to purchase an Internal to External Cable Option kit for SCSI models or a SCSI controller for ATA Models.   IDE Tape Drives should be connected to the IDE ports on the Mother Board not the Server Feature Board.

Note: The SCSI Cable Kit (PN 273463-B21) is required when installing an internal tape drive and a SCSI Controller

Internal AIT IDE Tape Drives

Compaq AIT 35 GB, IDE Tape Drive, Internal	246627-B22

Note: The AIT 35 GB, IDE Tape Drive (246627-B22) ships bundled with the following software "Compaq AIT 35 GB, IDE Tape Drive with Retrospect Backup Software Bundle"

Note: Please see the Compaq AIT 35-GB IDE Tape Drive QuickSpecs for additional options such as cassettes and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/11013_div/11013_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/11013_na/11013_na.HTML (North America)

Internal and External DAT Tape Drives

Internal 12/24-GB DAT Drive (opal)	295513-B22
Internal 12/24-GB DAT Drive (opal) (Japan)	295513-292

Note: Please see the Compaq 12/24-GB DAT Drive QuickSpecs for additional options such as cassettes and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10239_div/10239_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10239_na/10239_na.HTML (North America)

Internal 20/40-GB DAT DDS-4 Tape Drive (Opal)	157769-B21
External 20/40-GB DAT DDS-4 Tape Drive (Opal)	157770-001
External 20/40-GB DAT DDS-4 Tape Drive (Opal) (Int'l)	157770-B31
External 20/40-GB DAT DDS-4 Tape Drive (Opal) (Japan)	157770-291

Note: Please see the Compaq 20/40-GB DAT Tape Drive QuickSpecs for additional options such as host bus adapters, controllers, cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10426_div/10426_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10426_na/10426_na.HTML (North America)

Options

Tape Drives *(continued)*

Internal and External AIT Tape Drives

Internal AIT 35-GB, LVD Tape Drive (Carbon)	216884-B21
External AIT 35-GB, LVD Tape Drive (Carbon)	216885-001
External AIT 35-GB, LVD Tape Drive (Carbon) (Int'l)	216885-B31
External AIT 35-GB, LVD Tape Drive (Carbon) (Japan)	216885-291

Note: Please see the Compaq AIT 35 GB, LVD Tape Drive QuickSpecs for additional options such as adapters, controllers, and cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10712_div/10712_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10712_na/10712_na.HTML (North America)

Internal AIT 50-GB Tape Drive (Opal)	157766-B21
External AIT 50-GB Tape Drive (Opal)	157767-001
External AIT 50-GB Tape Drive (Opal) (Int'l)	157767-B31
External AIT 50-GB Tape Drive (Opal) (Japan)	157767-291
Rackmount AIT 50-GB, 3U (Single Drive)	274333-B21

Note: Please see the Compaq AIT 50-GB Tape Drive QuickSpecs for additional options such as adapters, controllers, and cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10425_div/10425_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10425_na/10425_na.HTML (North America)

Internal AIT 100-GB Tape Drive (Carbon)	249189-B21
External AIT 100-GB Tape Drive (Carbon)	249160-001
External AIT 100-GB Tape Drive (Carbon) (Int'l)	249160-B31

Note: Please see the Compaq AIT 100-GB Tape Drive QuickSpecs for additional options such as adapters, controllers, and cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/11062_div/11062_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/11062_na/11062_na.HTML (North America)

External DLT/SDLT Tape Drives

External 20/40-GB DLT Drive (opal)	340744-B22
External 20/40-GB DLT Drive (opal) (Japan)	340744-292

Note: Please see the Compaq 20/40-GB DLT Drive QuickSpecs for additional options such as data and cleaning cartridges, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10234_div/10234_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10234_na/10234_na.HTML (North America)

External 40/80-GB DLT Enhanced Drive (Opal)	146197-B22
External 40/80-GB DLT Enhanced Drive (Japan) (Opal)	146197-292
Rackmount DLT 40/80, 3U (Single Drive)	274332-B21
Rackmount DLT 40/80, Dual-Drive, 3U (Two Drives)	274335-B21
Rackmount DLT 40/80, Tape Array III, 5U (Four Drives)	274337-B21

Note: Please see the Compaq 40/80-GB DLT Drive QuickSpecs for additional options such as host bus adapters, controllers, cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10658_div/10658_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10658_na/10658_na.HTML (North America)

DLT1 1280 SuperLoader	268664-B21

Note: Please see the *StorageWorks*™ DLT1 1280 SuperLoader by Compaq QuickSpecs for additional options and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/11330_div/11330_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/11330_na/11330_na.HTML (North America)

Options

Tape Drives *(continued)*

External DLT/SDLT Tape Drives (continued)

SDLT 110/220 External, NA (Opal)	192103-001
SDLT 110/220 External, Int'l (Opal)	192103-B31
SDLT 110/220 External, Japan (Opal)	192103-291
Rackmount SDLT 110/220, 3U (Single Drive)	274331-B21
Rackmount SDLT 110/220, Dual-Drive, 3U (Two Drives)	274334-B21
Rackmount SDLT 110/220, Tape Array III, 5U (Four Drives)	274336-B21

Note: Please see the Compaq SDLT 110/220-GB Tape Drive QuickSpecs for additional options such as adapters, controllers, and media, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10772_div/10772_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10772_na/10772_na.HTML (North America)

Internal and External DAT Autoloader

20/40-GB DAT DDS-4 8 Cassette Autoloader, Internal (Opal)	166504-B21
20/40-GB DAT 8 Cassette Autoloader External (Opal)	166505-001
20/40-GB DAT 8 Cassette Autoloader External (Opal) (Int'l)	166505-B31
20/40-GB DAT 8 Cassette Autoloader External (Opal) (Japan)	166505-291

Note: Please see the Compaq 20/40-GB DAT DDS-4 8 Cassette Autoloader QuickSpecs for additional options such as adapters, controllers, and cassettes, and for an up-to-date listing of the latest O/S Support details, please see the following:
http://www5.compaq.com/products/quickspecs/10518_div/10518_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10518_na/10518_na.HTML (North America)

Rackmount Tape Drive Kits

3U Rackmount Kit	274338-B21

Note: The 3U Rackmount Kit (PN 274338-B21) can support up to (2) full-height or (4) half-height tape drives and compatible with multiple Single-Ended and LVD SCSI Tape Drives including the 12/24-GB DAT, 20/40-GB DAT, 20/40-GB DAT DDS-4 8 Cassette Autoloader, AIT 35-GB LVD, AIT 50 GB, 20/40-GB DLT, 40/80-GB DLT, and the SDLT 110/220-GB Tape Drives.

5U Rackmount Kit	274339-B21

Note: The 5U Rackmount Kit (PN 274339-B21) can support up to (4) full-height tape drives and is compatible with all Compaq DLT/SDLT tape drives including the 20/40-GB DLT, 35/70-GB DLT, 40/80-GB DLT, and the SDLT 110/220-GB tape drives.

Note: Please see the Compaq Rackmount Tape Drive Kits QuickSpecs for additional information regarding these kits, please see the following:
http://www5.compaq.com/products/quickspecs/10854_div/10854_div.HTML (Division/World Wide)
http://www5.compaq.com/products/quickspecs/10854_na/10854_na.HTML (North America)

Rackmount Tape Drive Cable Kits

LVD Cable Kit, VHDCI/HD68	168048-B21

Note: For use with the 3U RM Storage Enclosure and DLT Tape Array III only.

LVD Cable Kit, HD68/HD68	242381-B21

Note: For use with the 3U RM Storage Enclosure and DLT Tape Array III only.

Options

Tape Automation

Entry Level Tape Libraries

SSL2020 Automated AIT Library

SSL2020 AIT Mini-Library 1 drive, 20 slot Table Top	175195-B21
SSL2020 AIT Mini-Library 2 drive, 20 slot Table Top	175195-B22
SSL2020 AIT Mini-Library 1 drive, 20 slot Rackmount	175196-B21
SSL2020 AIT Mini-Library 2 drive, 20 slot Rackmount	175196-B22
SSL2020 AIT Library Pass Thru with Transport	175312-B21
SSL2020 AIT Library Pass Thru Extender	175312-B22
AIT 50-GB Drive Add-On LVD Drive for SSL2020 AIT Library	175197-B21

Required Adapters/Controllers for SSL2020 AIT Library

64-Bit/66-Mhz Dual Channel Wide Ultra3 SCSI Adapter	129803-B21
64-Bit/66-Mhz Dual Channel Wide Ultra3 SCSI Adapter (Japan)	129803-291

Note: Please see the SSL2020 Automated AIT Tape Library Solution QuickSpecs for additional information including Upgrade Kits, Accessories, and SCSI Cable Kits and additional options needed for a complete solution at:
http://www5.compaq.com/products/quickspecs/10580_na/10580_na.HTML (North America)
http://www5.compaq.com/products/quickspecs/10580_div/10580_div.HTML (Division/World Wide)

MSL5000 Libraries

Mainstream Tape Library

MSL5026DLX DLT Library

MSL5026DLX, 1 40/80-GB DLT, LVD Table Top	231821-B21
MSL5026DLX, 2 40/80-GB DLT, LVD Table Top	231821-B22
MSL5026DLX, 1 40/80-GB DLT, LVD Rackmount	231891-B21
MSL5026DLX, 2 40/80-GB DLT, LVD Rackmount	231891-B22

MSL5026SL SDLT Library

MSL5026SL Library, SDLT 110/220, 1 Drive, LVD, Table Top	231822-B21
MSL5026SL Library, SDLT 110/220, 2 Drives, LVD, Table Top	231822-B22
MSL5026SL Library, SDLT 110/220, 1 Drive, LVD, Rackmount	231892-B21
MSL5026SL Library, SDLT 110/220, 2 Drives, LVD, Rackmount	231892-B22
MSL5K Field Upgrade SDLT 110/220 Drive, LVD	231823-B22

Note: Please see the *StorageWorks* MSL5026DLX or MSL5026SL Library QuickSpecs for additional information including Upgrade Kits, Accessories, and SCSI Cable Kits and additional options needed for a complete solution at:
http://www5.compaq.com/products/quickspecs/10860_na/10860_na.HTML (North America)
http://www5.compaq.com/products/quickspecs/10860_div/10860_div.HTML (Division/World Wide)

Departmental Tape Library

MSL5052SL SDLT Library

MSL5052, 0 Drive, LVD, Rackmount	255102-B21
MSL50502SL, SDLT, 110/220, 2 Drives, LVD, Table Top	249490-B21
MSL50502SL, SDLT, 110/220, 2 Drives, LVD, Rackmount	249191-B21
MSL5K Field Upgrade SDLT 110/220 Drive, LVD	231823-B22

Note: Please see the *StorageWorks* MSL5052SL Library QuickSpecs for additional information including Upgrade Kits, Accessories, and SCSI Cable Kits and additional options needed for a complete solution at:
http://www5.compaq.com/products/quickspecs/11061_na/11061_na.HTML (North America)
http://www5.compaq.com/products/quickspecs/11061_div/11061_div.HTML (Division/World Wide)

Required Adapters for MSL5000 series Libraries

64-Bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter	129803-B21
64-Bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter (Japan)	129803-291

Options

Smart Array Cluster Storage	Smart Array Cluster Storage	201724-B21
	Smart Array Cluster Storage Redundant Controller Option Kit	218252-B21

	Required Controllers for Smart Array Cluster Storage	
	128-MB Cache Module for Smart Array 5302 Controller	153506-B21
	256-MB Battery-Backed Cache Module	254786-B21

Note: 128-MB Cache Module for Smart Array 5302 Controller (PN 153506-B21) is an upgrade cache module (128 MB Standard) for Smart Array Cluster Storage Controller.

Note: Please see the Compaq Smart Array Cluster Storage QuickSpecs for additional information including OS support for the ML330 G2, configuration steps and additional options needed for a complete solution at:
http://www5.compaq.com/products/quickspecs/11050_na/11050_na.HTML (North America)
http://www5.compaq.com/products/quickspecs/11050_div/11050_div.HTML (Division/World Wide)

External Storage – Tower and Rack	Note: To run any external SCSI-based devices, the customer needs to purchase an Internal to External Cable Option kit for SCSI models or a SCSI controller for ATA Models.	
	StorageWorks Enclosure Model 4314T (tower) by Compaq	190210-001
	StorageWorks Enclosure Model 4314T (tower) (Int'l)	190210-B31
	StorageWorks Enclosure Model 4314T (tower) (Japan)	190210-291
	StorageWorks Enclosure Model 4314R (rack-mountable)	190209-001
	StorageWorks Enclosure Model 4314R (rack-mountable) (Int'l)	190209-B31
	StorageWorks Enclosure Model 4314R (rack-mountable) (Japan)	190209-291
	StorageWorks Enclosure Model 4354R (rack-mountable)	190211-001
	StorageWorks Enclosure Model 4354R (rack-mountable) (Int'l)	190211-B31
	StorageWorks Enclosure Model 4354R (rack-mountable) (Japan)	190211-291
	Note: The *StorageWorks* Enclosure 4300 Family support the Wide Ultra2/Ultra3 1" Hot Plug Hard Drives.	
	StorageWorks Enclosure 4200 Redundant Power Supply Option	119826-B21
	StorageWorks Enclosure 4200 Ultra3 Single Bus I/O Module Option	190212-B21
	StorageWorks Enclosure 4200 Ultra3 Dual Bus I/O Module Option	190213-B21

Compaq UPS Power Cord Reference Guide	*Please see the Compaq UPS Power Cord Reference Guide for that lists cable descriptions, requirements, and specifications for Compaq UPS units.* http://www.compaq.com/support/techpubs/user_reference_guides/104077-002.html

Uninterruptible Power Supply	Compaq Pro UPS 500 (300 Watt) 120V (NA)	136386-001
	Compaq Pro UPS 500 (300 Watt) 120V (Int'l)	136386-B31
	UPS Model T700 (700VA, 500 Watt), Low Voltage (NA)	204015-001
	UPS Model T700 (700VA, 500 Watt), High Voltage (Int'l)	204015-B31
	UPS Model T700 (700VA, 500 Watt), Low Voltage (Japan)	204015-291
	UPS Model T1000 XR (1000VA, 700 Watt), High Voltage) (NA)	204155-001
	UPS Model T1000 XR (1000VA, 700 Watt), High Voltage) (Int'l)	204155-B31
	UPS Model T1500 XR (1440VA, 1050 Watt), Low Voltage) (NA)	204155-002
	UPS Model T1500 XR (1440VA, 1050 Watt), Low Voltage) (Int'l)	204155-B32
	UPS Model T1500 XR (1500VA, 1050 Watt), Low Voltage (JPN)	204155-291

Options

Uninterruptible Power Systems – Rack	Compaq UPS R1500 XR (100 to 127) (NA)	204404-001
	Compaq UPS R1500 XR (208 to 480) (Int'l)	204404-B31
	Compaq UPS R1500 XR (100 to 127) (Japan)	204404-291
	Compaq UPS R3000 XR (120V) (NA)	192186-001
	Compaq UPS R3000 XR (208V) (NA)	192186-002
	Compaq UPS R3000 XR (100V) (Japan)	192186-291
	Compaq UPS R3000 XR (208V) (Japan) Compaq UPS R3000 XR (200V) (Japan)	192186-292
	Compaq UPS R3000 XR (230V) (Int'l - detachable cord)	192186-B31
	Compaq UPS R3000 XR (230V) (16A IEC309 Plug)	192186-B32
	Compaq UPS R3000 XR (230V) (16A CEE 7/7 SCHUKO Plug)	192186-B33
	Compaq UPS R3000 XR (230V) (16A BS-546 Plug)	192186-AR1
	Rack-Mountable UPS R6000 (208V) (NA)	347207-001
	Rack-Mountable UPS R6000 (230V) (Int'l)	347207-B31
	Rack-Mountable UPS R6000 (200V) (Japan)	347207-291
	Compaq UPS R12000 XR, N+x	207552-B22

UPS Options	SNMP Serial Port Card	192189-B21
	Note: Supports UPS XR series only.	
	Six Port Card	192185-B21
	Note: Supports UPS XR series only.	
	High to Low Voltage Transformer (250VA)	388643-B21
	Note: Supports R6000 UPS series only. 2.5 amps @ 125 Volts max output across two Nema 5-15.	
	Extended Runtime Module, T1000 XR	218967-B21
	Extended Runtime Module, T1500 XR/T2200 XR	218969-B21
	Extended Runtime Module, R1500 XR	218971-B21
	Note: 2U each, two ERM maximum	
	Extended Runtime Module, R3000 XR	192188-B21
	Note: 3U each, one ERM maximum	
	Extended Runtime Module, R6000	347224-B21
	Note: 3U each, two ERM maximum	
	SNMP-EN Adapter	347225-B21
	Note: Supports R6000 UPS series only.	
	Multi-Server UPS Card	123508-B21
	Note: Supports R6000 UPS series only.	
	Scalable UPS Card	123509-B21
	Note: Supports R6000 UPS series only.	

Rack-Mountable PDUs – 1U/0U (Up to 12 outlets)	Compaq Power Distribution Unit-16A (200 to 240V)	207590-B21
	Compaq Power Distribution Unit-24A (200 to 240V) (NA, Japan, LA)	207590-D72
	Compaq Power Distribution Unit-32A (200 to 240V) (Int'l)	207590-B31
	Compaq Power Distribution Unit-40A (200 to 240V)	207590-B23
	Compaq Power Distribution Unit-24A (100 to 127V) (NA, Japan, LA)	207590-D71
	Note: Please see the following Modular Power Distribution Unit (Zero-U/1U Modular PDUs) QuickSpecs for additional options including cables: http://www5.compaq.com/products/quickspecs/11041 na/11041 na.HTML (North America) http://www5.compaq.com/products/quickspecs/11041 div/11041 div.HTML (Division/World Wide)	

QuickSpecs

Options

Dual Input PDUs, 1U/0U (Up to 12 outlets)	Compaq Dual Input Power Distribution Unit-24A High Voltage (NA only)	191186-001
	Compaq Dual Input Power Distribution Unit-24A High Voltage (Int'l)	191186-B31
	Note: Please see the following Modular Power Distribution Unit (Zero-U/1U Modular PDUs) QuickSpecs for additional options including cables: http://www5.compaq.com/products/quickspecs/11041 na/11041 na.HTML (North America) http://www5.compaq.com/products/quickspecs/11041 div/11041 div.HTML (Division/World Wide)	
Modular PDUs 1U/0U (Up to 32 outlets)	Modular Power Distribution Units (mPDU), Low Volt Model, 24A (100-127 VAC) (NA, Japan)	252663-D71
	Modular Power Distribution Units (mPDU), High Volt Model, 24A (200-240 VAC) (NA, Japan)	252663-D72
	Modular Power Distribution Units (mPDU), High Volt Model, 32A (200-240 VAC) (Int'l)	252663-B31
	Modular Power Distribution Units (mPDU), High Volt Model, 40A (200-240 VAC) (WW)	252663-B21
	Note: Please see the following Modular Power Distribution Unit (Zero-U/1U Modular PDUs) QuickSpecs for additional options including cables: http://www5.compaq.com/products/quickspecs/11041 na/11041 na.HTML (North America) http://www5.compaq.com/products/quickspecs/11041 div/11041 div.HTML (Division/World Wide)	
Rack Enabling Kit	Tower to Rack Enabling Kit	238547-B21
	Note: This Tower to Rack Enabling Kit is required when installing the ProLiant ML330 G2 in rack cabinets.	
Other	Enhanced Keyboard (Carbon)	296435-xx8
	Mouse (Carbon)	103180-B21
	Mouse (Carbon) (Japan)	103180-291
	ProLiant ML330 Generation (G2) SCSI Cable Kit	273463-B21
	Note: This SCSI Cable Kit (PN 273463-B21) is required when installing an internal tape drive and a SCSI Controller	
	ProLiant ML330/ML350 Internal to External SCSI Cable Option Kit	159547-B22

Enhanced Keyboard (Carbon)
Country Key Code

Dash #	Description
-008	US
-038	UK
-048	Germany
-058	France
-068	Italy
-078	Spain
-088	Denmark
-089	Norway
-108	Sweden/Finland
-128	French Canadian
-138	Portugal
-148	Turkey
-158	Greek
-178	Arabic
-188	Belgium
-218	Hungary
-228	Czech
-238	Solvac
-248	Polish
-258	Russian
-298	Japan

Options

Enhanced Keyboard (Carbon) **Country Key Code** *(continued)*	-338	Dutch
	-358	Finish
	-B38	Int'l
	-B48	BHCSY

Rack Builder	*Please see the Compaq Rack Builder for configuration assistance at* http://www.compaq.com/rackbuilder/.	

Rack Conversion Kit	ProLiant ML350 Generation 2 Tower to Rack Conversion Kit	237045-B21

Compaq Rack 10000 Series (Graphite Metallic)	Compaq Rack 10842 (42U, 800mm wide) – Pallet (Graphite)	257415-B21
	Compaq Rack 10842 (42U, 800mm wide) – Shock Pallet (Graphite)	257415-B22
	Note: Not available in North America	
	Compaq Rack 10647 (47U) – Pallet (Graphite)	245160-B21
	Compaq Rack 10647 (47U) – Crated (Graphite)	245160-B23
	Compaq Rack 10642 (42U) – Pallet	245161-B21
	Compaq Rack 10642 (42U) – Shock Pallet	245161-B22
	Compaq Rack 10642 (42U) – Crated	245161-B23
	Compaq Rack 10636 (36U) – Pallet (Graphite)	245162-B21
	Compaq Rack 10636 (36U) – Shock Pallet (Graphite)	245162-B22
	Compaq Rack 10636 (36U) – Crate (Graphite)	245162-B23
	Compaq Rack 10622 (22U) – Pallet	245163-B21
	Compaq Rack 10622 (22U) – Shock Pallet	245163-B22
	Compaq Rack 10622 (22U) – Crated	245163-B23
	Note: -B21 (pallet) used to ship empty racks shipped on a truck -B22 (shock pallet) used to ship racks with equipment installed (by custom systems, VARs and Channels) -B23 (crated) used for air shipments of empty racks	

Compaq Rack 9000 Series (Opal)	Compaq Rack 9142 (42U) – Pallet	120663-B21
	Compaq Rack 9142 (42U) – Shock Pallet	120663-B22
	Compaq Rack 9142 (42U) – Crated	120663-B23
	Compaq Rack 9136 (36U) – Pallet	120664-B21
	Compaq Rack 9136 (36U) – Shock Pallet	120664-B22
	Compaq Rack 9136 (36U) – Crated	120664-B23
	Compaq Rack 9122 (22U) – Pallet	120665-B21
	Compaq Rack 9122 (22U) – Shock Pallet	120665-B22
	Compaq Rack 9122 (22U) – Crated	120665-B23
	Compaq Rack 9842 (800mm wide, 42U) - Pallet	222192-B21
	Note: -B21 (pallet) used to ship empty racks shipped on a truck -B22 (shock pallet) used to ship racks with equipment installed (by custom systems, VARs and Channels) -B23 (crated) used for air shipments of empty racks	

Options

Rack Options for Compaq Rack 10000 Series	Rack Blanking Panels – Graphite (Multi)	253214-B26
	Rack Blanking Panels – Graphite (1U) Note: The Rack Blanking Panels (PN 253214-B21) contains 10 each of (1U)	253214-B21
	Rack Blanking Panels – Graphite (2U) Note: The Rack Blanking Panels (PN 253214-B21) contains 10 each of (2U)	253214-B22
	Rack Blanking Panels – Graphite (3U) Note: The Rack Blanking Panels (PN 253214-B21) contains 10 each of (3U)	253214-B23
	Rack Blanking Panels – Graphite (4U) Note: The Rack Blanking Panels (PN 253214-B21) contains 10 each of (4U)	253214-B24
	Rack Blanking Panels – Graphite (5U) Note: The Rack Blanking Panels (PN 253214-B21) contains 10 each of (5U)	253214-B25
	800mm Wide Stabilizer Kit (Graphite) Note: Supported by the Rack 10842 cabinet only.	255488-B21
	600mm Stabilizer Kit – Graphite	246107-B21
	Baying Kit for Rack 10000 series (Carbon)	248929-B21
	42U Side Panel – Graphite Metallic	246099-B21
	110V Fan Kit (Graphite)	257413-B21
	220V Fan Kit (Graphite)	257414-B21
	36U Side Panel – Graphite Metallic	246102-B21
	47U Side Panel – Graphite Metallic	255486-B21
	9000/10000 Series Offset Baying Kit	248931-B21
	Note: This kit can be used to connect 9000 and 10000 series racks in 42U height together. Kit contents include hardware for connecting racks and a panel to cover the 100mm gap at the rear of the two racks.	
Rack Options for Compaq Rack 9000 Series	Baying/Coupling Kit	120669-B21
	42U Side Panel	120670-B21
	Note: The 42U Side Panel (PN 120670-B21) supports the Compaq Rack 9142 and Compaq Rack 9842.	
	36U Side Panel	120671-B21
	Note: The 36U Side Panel (PN 120671-B21) supports the Compaq Rack 9136.	
	800mm Stabilizer Option Kit (Opal)	234493-B21
	Note: The 800mm Stabilizer Kit (PN 234493-B21) supports the Rack 9842 only.	
	600mm Stabilizer Option Kit	120673-B21
	9142 Extension Kit Note: The 9142 Extension Kit (PN 120679-B21) supports the Compaq Rack 9142 only.	120679-B21
	9142 Split Rear Door (Opal)	254045-B21
	Note: The 9142 Split Rear Door (PN 254045-B21) supports the 600 mm wide, 42U 9000 series rack.	
	9136 Extension Kit	218216-B21
	9142 Short Rear Door	218217-B21
	Note: The 9142 Short Rear Door (PN 218217-B21) supports the Compaq Rack 9142 only.	
	9136 Short Rear Door	218218-B21
	Rack Blanking Panel (Multi) Note: Kit includes four panels in 1U, 2U, 4U, and 8U.	169940-B21
	Rack Blanking Panels (1U) Note: The Rack Blanking Panels (PN 189453-B21) contains 10 each of (1U)	189453-B21
	Rack Blanking Panels (2U) Note: The Rack Blanking Panels (PN 189453-B22) contains 10 each of (2U)	189453-B22

Options

Rack Options for Compaq Rack 9000 Series *(continued)*	Rack Blanking Panels (3U) Note: The Rack Blanking Panels (PN 189453-B23) contains 10 each of (3U)	189453-B23
	Rack Blanking Panels (4U) Note: The Rack Blanking Panels (PN 189453-B24) contains 10 each of (4U)	189453-B24
	Rack Blanking Panels (5U) Note: The Rack Blanking Panels (PN 189453-B25) contains 10 each of (5U)	189453-B25
	9000/10000 Series Offset Baying Kit Note: This kit can be used to connect 9000 and 10000 series racks in 42U height together. Kit contents include hardware for connecting racks and a panel to cover the 100mm gap at the rear of the two racks.	248931-B21
Rack Options for Compaq Rack 7000 Series	High Air Flow Rack Door Insert for 7122	157847-B21
	High Air Flow Rack Door Insert for 7142	327281-B21
	High Air Flow Rack Door Insert for 7142 (6 pack)	327281-B22
	Compaq Rack Extension Kit for 7142	154392-B21
Rack Options for Compaq Rack 7000, 9000 and 10000 Series	Monitor Utility Shelf	303606-B21
	Compaq Networking Cable Management Kit	292407-B21
	Compaq Networking Recessed Rail Management Kit	292406-B21
	Ballast Option Kit	120672-B21
	100kg Sliding Shelf	234672-B21
	Rack Rail Adapter Kit (25-inch depth)	120675-B21
	Cable Management D-Rings Kit	168233-B21
	Monitor/Utility Shelf - Graphite	253449-B21
	Depth Adjustable Fixed Rail	332558-B21
	Console Management Controller (CMC) Option Kit	203039-B21
	Console Management Controller (CMC) Sensors Option Kit	203039-B22
	Console Management Controller (CMC) Locking Option Kit	203039-B23
	Console Management Controller (CMC) Smoke Sensors Option Kit	203039-B24
	Server Console Switch 1 x 2 port (100 to 230 VAC)	120206-001
	Server Console Switch 1 x 2 port (100 to 230 VAC) (Int'l)	120206-B31
	Server Console Switch 1 x 2 port (100 to 230 VAC) (Japan)	120206-291
	Server Console Switch 1 x 4 port (100 to 230 VAC)	400336-001
	Server Console Switch 1 x 4 port (100 to 230 VAC) (Int'l)	400336-B31
	Server Console Switch 1 x 4 port (100 to 230 VAC) (Japan)	400336-291
	Server Console Switch 1 x 8 port (100 to 230 VAC)	400337-001
	Server Console Switch 1 x 8 port (100 to 230 VAC) (Int'l)	400337-B31
	Server Console Switch 1 x 8 port (100 to 230 VAC) (Japan)	400337-291
	Server Console Switch 2 x 8 port (100 to 230 VAC)	400338-001
	Server Console Switch 2 x 8 port (100 to 230 VAC) (Int'l)	400338-B31
	Server Console Switch 2 x 8 port (100 to 230 VAC) (Japan)	400338-291
	Server Console Switch 2 x 8 port (48 VDC)	400542-B21
	KVM 9 PIN Adapter (4 Pack)	149361-B21
	CPU to Server Console Cable, 12′	110936-B21
	CPU to Server Console Cable, 20′	110936-B22
	CPU to Server Console Cable, 40′	110936-B23
	CPU to Server Console Cable, 3′	110936-B24
	CPU to Server Console Cable, 7′	110936-B25
	CPU to Server Console Cable (Plenum Rated) 20′	149363-B21
	CPU to Server Console Cable (Plenum Rated) 40′	149364-B21
	Switch Box Connector Kit (115 V)	144007-001
	Switch Box Connector Kit (230 V)	144007-002
	Switch Box Connector Kit (High Voltage) (Int'l)	144007-B33

Options

Rack Options for Compaq Rack 7000, 9000 and 10000 Series *(continued)*		
	Keyboard with Hot Keys and Trackball (US)	158649-001
	Keyboard with Hot Keys and Trackball (UK)	158649-003
	Keyboard with Hot Keys and Trackball (German)	158649-004
	Keyboard with Hot Keys and Trackball (French)	158649-005
	Keyboard with Hot Keys and Trackball (Italian)	158649-006
	Keyboard with Hot Keys and Trackball (Spanish)	158649-007
	Keyboard with Hot Keys and Trackball (Danish)	158649-008
	Keyboard with Hot Keys and Trackball (Norwegian)	158649-009
	Keyboard with Hot Keys and Trackball (Swedish)	158649-010
	Keyboard with Hot Keys and Trackball (Swiss)	158649-011
	Keyboard with Hot Keys and Trackball (Portuguese)	158649-013
	Keyboard with Hot Keys and Trackball (Belgian)	158649-018
	Keyboard with Hot Keys and Trackball (Japan)	158649-291
	Keyboard with Hot Keys and Trackball (Int'l)	158649-B36
	TFT5600 RKM Rack Keyboard Monitor (US)	221546-001
	TFT5600 RKM Rack Keyboard Monitor (UK)	221546-031
	TFT5600 RKM Rack Keyboard Monitor (Germany)	221546-041
	TFT5600 RKM Rack Keyboard Monitor (France)	221546-051
	TFT5600 RKM Rack Keyboard Monitor (Italy)	221546-061
	TFT5600 RKM Rack Keyboard Monitor (Spain)	221546-071
	TFT5600 RKM Rack Keyboard Monitor (Denmark)	221546-081
	TFT5600 RKM Rack Keyboard Monitor (Norway)	221546-091
	TFT5600 RKM Rack Keyboard Monitor (Sweden/Finland)	221546-101
	TFT5600 RKM Rack Keyboard Monitor (Swiss)	221546-111
	TFT5600 RKM Rack Keyboard Monitor (Portugal)	221546-131
	TFT5600 RKM Rack Keyboard Monitor (Belgium)	221546-181
	TFT5600 RKM Rack Keyboard Monitor (Japan)	221546-291
	TFT5600 RKM Rack Keyboard Monitor (Int'l)	221546-B31
	PCI KVM Management Card Kit	232983-B21
	PCI KVM Remote Card Kit	232984-B21
	Local Access Cable Kit	232985-B21
	1U Rack Keyboard Drawer	338056-B21
	Keyboard/Monitor/Mouse extension cables	169989-001

Service and Support Offerings (CarePaq Services)		
	Hardware Services 4-Hour On-site Service	
	9 x 5 Coverage, 3 Years (2-5-2 Part Number for U.S.)	FM-EL4HR-36
	9 x 5 Coverage, 3 Years (2-5-2 Part Number for Canada)	FP-EL4HR-36
	9 x 5 Coverage, 3 Years (6-3 Part Number for U.S.)	162676-002
	9 x 5 Coverage, 3 Years (6-3 Part Number for EMEA)	324416-022
	24 x 7 Coverage, 3 Years (2-5-2 Part Number for U.S.)	FM-EL724-36
	24 x 7 Coverage, 3 Years (2-5-2 Part Number for Canada)	FP-EL724-36
	24 x 7 Coverage, 3 Years (6-3 Part Number for U.S.)	162675-002
	24 x 7 Coverage, 3 Years (6-3 Part Number for EMEA)	376910-022
	Hardware Services Next Business Day On-Site Service	
	9 x 5 Next Business Day Coverage, 3 Years (2-5-2 Part Number for U.S.)	FM-ELXHW-36
	9 x 5 Next Business Day Coverage, 3 Years (2-5-2 Part Number for Canada)	FP-ELXHW-36
	9 x 5 Next Business Day Coverage, 3 Years (6-3 Part Number for U.S.)	102407-002
	9 x 5 Next Business Day Coverage, 3 Years (6-3 Part Number for EMEA)	206947-022

Options

**Service and Support Offerings
(CarePaq Services)** *(continued)*

Installation & Start-up Services

Hardware Installation (2-5-2 Part Number for US)	FM-ELINS-IN
Hardware Installation (2-5-2 Part Number for Canada)	FP-ELINS-IN
Hardware Installation (6-3 Part Number for US)	401791-002
Server Installation and Set-Up (Installation of the server, installation of the appropriate service tools, check to ensure device SW and firmware is loaded and installation of the operating system software (6-3 Part Number for EMEA)	204563-022
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Win NT Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (2-5-2 Part Number for U.S.)	FP-MSTAR-01
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Win NT Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (6-3 Part Number for U.S.)	240013-002
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Win NT Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (2-5-2 Part Number for Canada)	FM-MSTEC-01
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Novell NetWare Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (2-5-2 Part Number for U.S.)	FP-NSTAR-01
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Novell NetWare Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (6-3 Part Number for U.S.)	240008-002
Pre-installation planning; unpack equipment, install most current Compaq HW options internal to server at same time of server installation; assemble & test; basic user information provided; Install & configure basic functionality of Novell NetWare Operating System plus up to 2 days start-up activity, configure print & network access services, and orientation (2-5-2 Part Number for Canada)	FM-NSTEC-01

CarePaq Priority Services for ProLiant Servers – Priority Level

9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Next Available Specialist (2-5-2 Part Number for U.S.)	FP-M01C1-36
9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Next Available Specialist (6-3 Part Number for U.S.)	239928-002
9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Novell NetWare Operating System, Next Available Specialist (2-5-2 Part Number for U.S.)	FP-N01C1-36
9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Novell NetWare Operating System, Next Available Specialist (6-3 Part Number for U.S.)	239968-002
9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Next Available Specialist (2-5-2 Part Number for Canada)	FM-M01E1-36
9 x 5 HW, 4-hr response, Next Available HW engineer; 9 x 5 Bronze Software Support 2-hr response for Novell NetWare Operating System, Next Available Specialist (2-5-2 Part Number for Canada)	FM-N01E1-36
9 x 5 4-hour H/W, 5 x 9 2-hour O/S (NT & NetWare), Three Years (6-3 Part Number for EMEA)	179834-022

Options

Service and Support Offerings (CarePaq Services) *(continued)*	***CarePaq Priority Services for ProLiant Servers – Priority 24 Level***	
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Bronze Software Support, 2-hr response for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Next Available Specialist (2-5-2 Part Number for U.S.)	FP-M02C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Bronze Software Support, 2-hr response for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Next Available Specialist (6-3 Part Number for U.S.)	239930-002
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Bronze Software Support, 2-hr response for Novell NetWare Operating System, Next Available Specialist (2-5-2 Part Number for U.S.)	FP-N02C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Bronze Software Support, 2-hr response for Novell NetWare Operating System, Next Available Specialist (6-3 Part Number for U.S.)	239970-002
	7 x 24 4-hour H/W, 7 x 24 2-hour O/S (NT & NetWare), Three years (6-3 Part Number for EMEA)	179839-022
	CarePaq Priority Services for ProLiant Servers – Priority Silver	
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Technical Account Manager, Technical Newsletter, SW activity review, proactive patch notification, 1 System Healthcheck per year (2-5-2 Part Number for U.S.)	FP-M04C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Technical Account Manager, Technical Newsletter, SW activity review, proactive patch notification, 1 System Healthcheck per year (6-3 Part Number for U.S.)	239932-002
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System (2-5-2 Part Number for U.S.)	FP-M24C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System (6-3 Part Number for U.S.)	239934-002
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Novell NetWare Operating System, Technical Account Manager, Technical Newsletter, SW activity review (2-5-2 Part Number for U.S.)	FP-N04C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Novell NetWare Operating System, Technical Account Manager, Technical Newsletter, SW activity review (6-3 Part Number for U.S.)	239972-002
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Novell NetWare Operating System (2-5-2 Part Number for U.S.)	FP-N24C1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Novell NetWare Operating System (6-3 Part Number for U.S.)	239974-002
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System, Technical Account Manager, Technical Newsletter, SW activity review, proactive patch notification, 1 System Healthcheck per year (2-5-2 Part Number for Canada)	FM-M04E1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Windows NT, Windows 2000, Professional, Server or Advanced Server Operating System (2-5-2 Part Number for Canada)	FM-M24E1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Software Support, 1-hr response, Monday – Friday, 8AM – 5PM local time, 2-hr response after hours for Novell NetWare Operating System, Technical Account Manager, Technical Newsletter, SW activity review (2-5-2 Part Number for Canada)	FM-N04E1-36
	24 x 7 HW, 4-hr response, Named HW engineer; 24 x 7 Silver Subsequent System Support for Novell NetWare Operating System (2-5-2 Part Number for Canada)	FM-N24E1-36
	Note: For more information, customer/resellers can contact http://www.compaq.com/services.	

Memory

Compaq ProLiant ML330 Generation 2 (G2) Models

STANDARD MEMORY

128-MB PC133-MHz Registered ECC SDRAM DIMM installed (1 x 128-MB SDRAM DIMM)

STANDARD MEMORY PLUS OPTIONAL MEMORY

Up to 3200-MB memory is available with the optional installation of PC133-MHz Registered ECC SDRAM DIMM memory kits.

STANDARD MEMORY REPLACED WITH OPTIONAL MEMORY

Up to 4096-MB of memory is available with the removal of the standard 128-MB of memory and the optional installation of PC133-MHz Registered ECC SDRAM DIMM memory kits.

Note: Charts do not represent all possible memory configurations.

Memory		Slot			
		1	2	3	4
Standard	128 MB	128 MB	Empty	Empty	Empty
Optional	3200 MB	128 MB	1024 MB	1024 MB	1024 MB
Maximum	4096 MB	1024 MB	1024 MB	1024 MB	1024 MB

Following are memory options available from Compaq:

- 1024-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit   128280-B21
- 512-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit   128279-B21
- 256-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit   128278-B21
- 128-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit   128277-B21
- 64-MB PC133-MHz Registered ECC SDRAM DIMM Memory Option Kit   128276-B21

Storage
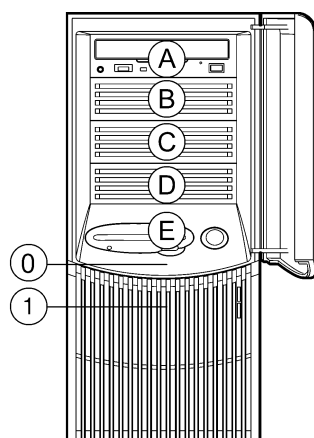
A	40x IDE (ATAPI) CD-ROM
E	3.5 in. Diskette Drive
B, C, D	Removable Media Bays (1.6″ each)
0,1	Two 1″ Non-Hot Plug Drive Bays

DRIVE SUPPORT

	Quantity Supported	Position Supported	Controller
Removable Media			
1.44-MB Diskette Drive	Up to 1	E	Integrated
IDE (ATAPI) CD-ROM Drive	Up to 2	A, B, C, or D	Integrated IDE (ATAPI)
DVD-ROM Drive Option Kit	Up to 2	A, B, C, or D	Integrated IDE
Hard Drives (SCSI Models only)			
Wide Ultra3 SCSI – Non-Hot Plug			
<u>1-inch</u> 36.4-GB 10,000 rpm 18.2-GB 10,000 rpm	Up to 5	0+1, B, C, D	Integrated Dual Channel Wide Ultra3 SCSI Adapter (SCSI Models) Compaq RAID LC2 Controller Smart Array 431 Controller Smart Array 532 Controller 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter
Wide Ultra3 SCSI –Hot Plug (Note: For use with the ML3xx Internal Two Bay Hot Plug Wide Ultra2/Ultra3 SCSI Drive Cage (PN 244059-B21) ONLY.			
<u>1-inch</u> 72.8-GB 10,000 rpm 36.4-GB 10,000 rpm 18.2-GB 10,000 rpm 36.4-GB 15,000 rpm 18.2-GB 15,000 rpm	Up to 2	A+B (need to move CD-ROM drive to D)	Integrated Dual Channel Wide Ultra3 SCSI Adapter (SCSI Models) Compaq RAID LC2 Controller Smart Array 431 Controller Smart Array 532 Controller 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter
Hard Drives (ATA Models only)			
ATA/100 IDE – Non-Hot Plug			
<u>1-inch</u> 80.0-GB 40.0-GB	Up to 4	0+1, C, D	Integrated Dual Channel Ultra ATA-100 Adapter (ATA Models)
External Storage			
StorageWorks Enclosure 4300 Family (supports Ultra2/Ultra3 1″ drives only)	Up to 7 (6 with RAID protection, 1 without)	External	Smart Array 431 Controller Smart Array 532 Controller 64-Bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter 64-Bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter

Storage

DRIVE SUPPORT *(continued)*

Maximum Storage Capacity - ATA Models (SCSI Attached (*StorageWorks* Enclosure))

Internal	320.0 GB (4 x 80.0 GB) (ATA only)
External	7.134 TB (14 x 72.8 GB) x 7 (Requires additional SCSI controllers in slots)
Total	7.454 TB

Maximum Storage Capacity - SCSI Models (SCSI Attached (*StorageWorks* Enclosure) + Optional Hot Plug Drive Cage)

Internal	254.8 GB ((3 x 36.4 GB non-hot-plug hard drives) + (2 x 72.8 GB hot plug hard drives))
External	7.134 TB (14 x 72.8 GB) x 7
Total	7.389 TB

Tape Drives

Note: A SCSI controller needs to be purchased to operate internal or external SCSI devices in the ATA Models.

Note: For an up-to-date listing of the latest O/S Support details for each of the Tape Drives listed below, please see the following:
http://www5.compaq.com/products/quickspecs/North_America/10233.html (North America)
http://www5.compaq.com/products/quickspecs/Division/10233.html (Division/World Wide)

Internal AIT 35-GB IDE Tape Drive	Up to 2	C, D	Integrated IDE
Internal 12/24-GB DAT Drive	Up to 2	C, D	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter
20/40-GB DDS-4 Tape Drive	Up to 2	C, D	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter
AIT 100-GB, Internal AIT 50-GB Internal AIT 35-GB, LVD Internal	Up to 2	C, D	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter
AIT 100-GB, External AIT 50-GB External AIT 35-GB, LVD External	Up to 2	External	64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter 64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter

Technical Specifications

System Unit	Dimensions (HxWxD) (with feet)	16.5 x 7.5 x 20.25 in/420 x 191 x 515 mm	
	Weight (approximate)	34 lb/15.42 kg	
	Input Requirements	Range Line Voltage	100 to 120 VAC/180 to 264 VAC
	(per power supply)	Normal Line Voltage	115 to 230 VAC
	Line Frequency	50 to 60 Hz	
	Rated Input Current	< 6A RMS at 90VAC with maximum load	
	BTU Rating	1,560 BTU	
	SCSI Connectors (SCSI Models only)	Two internal HD68 connectors	
		Note: Support for either two internal, two external, or a mix of internal/external is available. This is achieved using an internal to external SCSI cable option kit (PN 159547-B22) and SCSI knockout.	
	Power Supply Output Power	Rated Steady-State Power	300W
		Maximum Peak Power	400W
	Temperature Range	Operating	50° to 93°F/10° to 35°C
		Shipping	–40° to 150°F/–40° to 66°C
	Relative Humidity (non-condensing)	Operating	20% to 80%
		Non-operating	5% to 90%
	Acoustic Noise	Idle (Fixed Disk Drives Spinning)	
		L_{WAd} (BELS)	5.3
		L_{pAm} (dBA)	45
		Operating (Random Seeks to Fixed Disks)	
		L_{WAd} (BELS)	5.3
		L_{pAm} (dBA)	45

1.44-MB Diskette Drive	Diskette Size	3.5 in	
	LED Indicators (front panel)	Green	
	Read/Write Capacity per Diskette (high/low density)	1.44 MB/720 KB	
	Drive Supported	One	
	Drive Height	One-third	
	Drive Rotation	300 rpm	
	Transfer Rate (high/low)	500/250 Kb/s	
	Bytes/Sector	512	
	Sectors/Track (high/low)	18/9	
	Tracks/Side (high/low)	80/80	
	Access Times	Track-to-Track (high/low)	3/6 ms
		Average (high/low)	169/94 ms
		Settling Time	15 ms
		Latency Average	100 ms
	Cylinders (high/low)	80/80	
	Read/Write Heads	Two	

Technical Specifications

Non-Hot Plug Wide Ultra3 SCSI Hard Drives	**36.4 GB 10K** 176497-B21	**Capacity**	36419.5 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.9 ms
			Average	5.7 ms
			Full-Stroke	13 ms
			Rotational Speed	10,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	71,132,000
		Operating Temperature	50° to 95°F/10° to 35°C	
	18.2 GB 10K 142674-B21	**Capacity**	18209.3 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.9 ms
			Average	5.5 ms
			Full-Stroke	12 ms
			Rotational Speed	10,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	35,565,080
		Operating Temperature	50° to 95°F/10° to 35°C	
Hot Plug Wide Ultra3 SCSI Hard Drives	**72.8 GB10K** 232432-B22	**Capacity**	72837.2 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.3 ms
			Average	4.5 ms
			Full-Stroke	11 ms
			Rotational Speed	10,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	142,264,000
		Operating Temperature	41° to 131°F/5° to 55°C	
	36.4 GB 10K 176496-B22	**Capacity**	36419.2 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.9 ms
			Average	5.7 ms
			Full-Stroke	13 ms
			Rotational Speed	10,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	71,132,000
		Operating Temperature	50° to 95°F/10° to 35°C	

Technical Specifications

Hot Plug Wide Ultra3 SCSI Hard Drives *(continued)*	18.2 GB 10K 142673-B22			
		Capacity	18209.3 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.9 ms
			Average	5.5 ms
			Full-Stroke	12 ms
			Rotational Speed	10,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	35,565,080
		Operating Temperature	50° to 95°F/10° to 35°C	
	36.4 GB 15K 232916-B22	**Capacity**	36419.2 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.4 ms
			Average	3.8 ms
			Full-Stroke	7 ms
			Rotational Speed	15,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	71,132,000
		Operating Temperature	50° to 95°F/10° to 35°C	
	18.2 GB 15K 188122-B22	**Capacity**	18209.3 MB	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Wide Ultra3 SCSI	
		Transfer Rate Synchronous (Maximum)	160 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.7 ms
			Average	3.9 ms
			Full-Stroke	12 ms
			Rotational Speed	15,000 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	35,565,080
		Operating Temperature	50° to 95°F /10° to 35°C	

QuickSpecs

Technical Specifications

Non-Hot Plug ATA/100 Hard Drives	**80 GB 7.2K** 278424-B21			
		Capacity	80054 MB	
		Height	1.0 in/25.4 mm	
		Width	4.0 in/101.6 mm	
		Interface	ATA 100	
		Transfer Rate Synchronous (Maximum)	100 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.8 ms
			Average	8.5 ms
			Full-Stroke	17.8 ms
			Rotational Speed	7,200 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	156,355,584
		Operating Temperature	41° to 131°F/5° to 55°C	
	40 GB 7.2K 230534-B21	**Capacity**	40020 MB (phys.) 40800 MB (log)	
		Height	1 in/25.4 mm	
		Width	4 in/101.6 mm	
		Interface	Ultra ATA/100	
		Transfer Rate Synchronous (Maximum)	100 MB/s	
		Seek Time (typical reads, including settling)	Single Track	0.8 ms
			Average	8.5 ms
			Full-Stroke	17.8 ms
			Rotational Speed	7,200 rpm
		Physical Configuration	Bytes/Sector	512
			Logical Blocks	78,177,792
		Operating Temperature	41° to 131°F/5° to 55°C	

Technical Specifications

40X Max IDE (ATAPI) CD-ROM Drive	Disk	Applicable Disk	CD-ROM, CD-XA, CD-DA (Mode 1, Mode 2, Form 1 and 2)
			Photo CD (Single and Multi-session)
			Mixed Mode (Audio and Data combined)
			CD-R
		Capacity	540 MB (Mode 1, 12 cm)
			650 MB (Mode 2, 12 cm)
	Block Size	Mode 1	2,048 bytes
		Mode 2	2,340 bytes, 2,336 bytes
		CD-DA	2,352 bytes
		CD-XA	2,328 bytes
	Interface	IDE (ATAPI)	
	Access Times (typical)	Random	100 ms
		Full-Stroke	150 ms
	Audio Output Level	Line-Out	0.7 VRMS at 47 kOhms
	Data Transfer Rate	Sustained	150 KB/s (1X audio)
		Burst	16.67 Mbytes/sec
	Cache Buffer	128 KB	
	Start-up Time (typical)	< 7 seconds	
	Stop Time	< 4 seconds	
	Laser Parameters	Type	Semiconductor Laser GaA1As
		Wave Length	780 ± 25 nm
	Operating Conditions	Temperature	41° to 113°F/5° to 45°C
		Humidity	10% to 80%
	Dimensions	(HxWxD, maximum)	1.7 x 5.85 x 8.11 in/42.9 x 150 x 208 cm
		Weight	2.09 lb/0.95 kg

Integrated Dual Channel Ultra ATA-100 Adapter (ATA Models only)	**Drives Supported**	Up to 4 IDE devices (2 devices/channel)
	Channels	2 (primary and secondary)
	Storage Capacity	160 GB
	Data Transfer Method	32-bit/33-MHz PCI bus-master
	Maximum ATA Channel Transfer Rate	100 MB/s per channel
	Maximum Transfer Rate per PCI Bus (peak)	133 MB/s per channel
	ATA Protocols	UDMA Mode[0-5]
		PIO Mode[0-4]
	ATA 100 Cable	80-Conductor Cable
	Internal ATA Connectors	Two 40-Pin Connectors (primary and secondary)

Integrated Dual Channel Wide Ultra3 SCSI Adapter (SCSI Models only)	**Drives Supported**	Up to 14 SCSI devices Wide Ultra3 and Wide Ultra2 SCSI hard drives
	Data Transfer Method	32-bit/33-MHz PCI bus-master
	SCSI Channel Transfer Rate	160 MB/s per channel
	Maximum Transfer Rate per PCI Bus (peak)	267 MB/s per channel
	SCSI Protocols	Wide Ultra 3 SCSI and Wide Ultra2 SCSI
		Fast SCSI-2
	Electrical Protocol	Low Voltage Differential (LVD)
	SCSI Termination	Active Termination
	External SCSI Connectors	Two 80-Pin VHDCI connectors
	Internal SCSI Connectors	Two 68-Pin Wide Ultra SCSI-3 connectors

QuickSpecs

Technical Specifications

Video Controller	Controller Chip	ATI RAGE XL	
	Video DRAM	8 MB Video SDRAM	
	Data Transfer Method	32-bit PCI	
	Support Resolution		Supported Color Depths:
		640 x 480	16.7M, 64K, 256, 16
		800 x 600	16.7M, 64K, 256, 16
		1024 x 768	16.7M, 64K, 256, 16
		1152 x 864	16.7M, 64K, 256, 16
		1280 x 1024	16.7M, 64K, 256, 16
		1600 x 1200	64K, 256, 16
	Connector	VGA	

Compaq RAID LC2 Controller	Protocol	Wide Ultra2 SCSI
	SCSI Electrical Interface	Low Voltage Differential (LVD)
	Drives Supported	Wide Ultra3 and Wide Ultra2 SCSI hard drives (Ultra3 drives will operate at 80 MB/s max transfer rate)
	SCSI Port Connectors	Single Internal SCSI port
	Data Transfer Method	32-Bit PCI bus-master
	Maximum Transfer Rate on System Bus (peak)	133 MB/s
	Simultaneous Drive Transfer Channels	One
	Channel Transfer Rate	80 MB/s per channel
	Software Upgradeable Firmware	Yes
	Cache Memory	8 MB Read Cache
	Logical Drives Supported	32
	RAID Support	0, 1, 1+0, 5

Note: A minimum of three drives is required for RAID 5.

Technical Specifications

Smart Array 532 Controller		
	Data Compatible with all Smart Array Controllers	Yes
	Instant Upgrades to other Smart Array Controllers	Yes
	Consistent Software Manageability Tools	Yes
	PCI Bus	64-bit, 66MHz
	PCI Peak Data Transfer Rate	533 MB/s
	SCSI Protocols Supported	Ultra3, Ultra2
	SCSI Peak Data Transfer Rate	160 MB/s
	Channels	2
	SCSI Ports (external/internal)	1/1
	Drives Supported (maximum)	14
	Note: Drives Supported (maximum) is based on use of *StorageWorks* Enclosure 4300 family (14 hard disk drive enclosure).	
	Cache	32-MB cache engine
	RAID Support	0, 1, 1+0, 5
	Logical Drives (maximum)	32
	Online Configuration	Yes
	Online Capacity Expansion	Yes
	Logical Drive Capacity Extension	Yes
	Online Stripe Size Migration	Yes
	Online RAID Level Migration	Yes
	Online Spare Support	Yes
	Automatic Data Recovery	Yes
	Drive Roaming	Yes
	Redundant Controllers	No

Technical Specifications

Smart Array 431 Controller	Data Compatible with all Smart Array Controllers	Yes
	Instant Upgrades to other Smart Array Controllers	Yes
	Consistent Software Manageability Tools	Yes
	PCI Bus	64-bit, 33MHz
	PCI Peak Data Transfer Rate	266 MB/s
	SCSI Protocols Supported	Ultra3, Ultra2, Wide-Ultra
	SCSI Peak Data Transfer Rate	160 MB/s
	Channels	1
	SCSI Ports (external/internal)	1/1
	Drives Supported (maximum)	14

Note: Drives Supported (maximum) is based on use of *StorageWorks* Enclosure 4200 family (14 hard disk drive enclosure).

	Cache	16-MB cache engine
	RAID Support	0, 1, 1+0, 5
	Logical Drives (maximum)	32
	Online Configuration	Yes
	Online Capacity Expansion	Yes
	Logical Drive Capacity Extension	Yes
	Online Stripe Size Migration	Yes
	Online RAID Level Migration	Yes
	Online Spare Support	Yes
	Automatic Data Recovery	Yes
	Drive Roaming	Yes
	Redundant Controllers	No

64-bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter	Drives Supported	Up to 14 SCSI devices
	Storage Capacity	254.8 GB
	Data Transfer Method	64-bit/66-MHz PCI bus-master
	Maximum SCSI Channel Transfer Rate	160 MB/s per channel
	Maximum Transfer Rate per PCI Bus (peak)	532 MB/s per channel
	SCSI Protocols	Wide Ultra3 SCSI Wide Ultra2 SCSI Wide-Ultra SCSI-3 Fast-Wide SCSI-2 Fast SCSI-2
	Electrical Protocol	Low Voltage Differential (LVD)
	SCSI Termination	Active Termination
	External SCSI Connectors	One 68-Pin Wide Ultra SCSI-3 connector
	Internal SCSI Connectors	Two 68-Pin Wide Ultra SCSI-3 connectors (one LVD and one SE) One 50-Pin Narrow Ultra connector

QuickSpecs

Technical Specifications

64-bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter				
	Drives Supported	Up to 28 SCSI devices (14 per channel)		
	Storage Capacity	509.6 GB		
	Data Transfer Method	64-bit/66-MHz PCI bus-master		
	SCSI Channel Transfer Rate	160 MB/s per channel		
	Maximum Transfer Rate per PCI Bus (peak)	532 MB/s per channel		
	SCSI Protocols	Wide Ultra3 SCSI		
		Wide Ultra2 SCSI		
		Wide-Ultra SCSI-3		
		Fast SCSI-2		
	Electrical Protocol	Low Voltage Differential (LVD)		
	SCSI Termination	Active Termination		
	External SCSI Connectors	Two 68-pin VHDCI connectors		
	Internal SCSI Connectors	Two 68-pin Wide-Ultra SCSI-3 connectors One 50-pin Narrow Ultra connector		

Compaq Rack 10842 (42U)(optional)	**Dimensions**	**Total Cabinet**	**Shipping**	**Color**
	Height	78.7 in/199.9 cm	85in/215.9 cm	
	Depth	39.691 in/100.82 cm	48 in/121.92 cm	Graphite Metallic – doors
	Width	31.5 in/ 80.01cm	43.5 in/110.49 cm	Carbon – frame
	Weight	295 lb/133.8 kg	335lb/151.95 kg	

Compaq Rack 10647 (47U)(optional)	**Dimensions**	**Total Cabinet**	**Shipping**	**Color**
	Height	89.96 in/228.5 cm	95.47 in/242.49 cm	
	Depth	39.691 in/100.82 cm	48 in/121.92 cm	Graphite Metallic – doors
	Width	24 in/60.96 cm	32 in/81.28 cm	Carbon – frame
	Weight	245 lb/111 kg	284 lb/129 kg	

Compaq Rack 10642 (42U)(optional)	**Dimensions**	**Total Cabinet**	**Shipping**	**Color**
	Height	78.7 in/199.90 cm	86.22 in/219 cm	
	Depth	39.691 in/100.82 cm	48 in/121.92 cm	Graphite Metallic – doors
	Width	24 in/ cm	32 in/81.28 cm	Carbon – frame
	Weight	253 lb/114.84 kg	325 lb/147.52 kg	

Compaq Rack 10636 (36U)(optional)	**Dimensions**	**Total Cabinet**	**Shipping**	**Color**
	Height	68.6 in/174.24 cm	75.25 in/191.14 cm	
	Depth	39.691 in/100.82 cm	48 in/121.92 cm	Graphite Metallic – doors
	Width	24 in/60.96 cm	32 in/81.28 cm	Carbon – frame
	Weight	220 lb/100 kg	272 lb/123 kg	

Compaq Rack 10622 (22U)(optional)	**Dimensions**	**Total Cabinet**	**Shipping**	**Color**
	Height	43 in/109.22 cm	52.25 in/132.72 cm	
	Depth	39.691 in/100.82 cm	48 in/121.92 cm	Graphite Metallic – doors
	Width	24 in/60.96 cm	32 in/81.28 cm	Carbon – frame
	Weight	176 lb/79.89 kg	225 lb/102.13 kg	

Technical Specifications

Compaq Rack 9842 (42U)(optional)	Dimensions	Total Cabinet	Shipping	Color
	Height	78.7 in/199.9 cm	86.22 in/219 cm	
	Depth	35.8 in/90.932 cm	48 in/121.92 cm	Opal
	Width	31.5 in/80.01 cm	38.8 in/98.55 cm	
	Weight	374 lb/170 kg	440 lb/200 kg	

Compaq Rack 9142 (42U)(optional)	Dimensions	Total Cabinet	Shipping	Color
	Height	78.7 in/199.9 cm	83.38 in/211.79 cm	
	Depth	35.8 in/90.932 cm	48 in/121.92 cm	Opal
	Width	23.7 in/60.2 cm	32 in/81.28 cm	
	Weight	253 lb/114.84 kg	325 lb/147.52 kg	

Compaq Rack 9136 (36U)(optional)	Dimensions	Total Cabinet	Shipping	Color
	Height	68.6 in/174.24 cm	75.25 in/191.14 cm	
	Depth	35.8 in/90.932 cm	48 in/12.192 cm	Opal
	Width	23.7 in/60.2 cm	32 in/81.28 cm	
	Weight	165 lb/75 kg	234 lb/106 kg	

Compaq Rack 9122 (22U)(optional)	Dimensions	Total Cabinet	Shipping	Color
	Height	43 in/109.22 cm	52.25 in/132.72 cm	
	Depth	35.8 in/90.932 cm	48 in/121.92 cm	Opal
	Width	24 in/60.96 cm	32 in/81.28 cm	
	Weight	176 lb/79.89 kg	225 lb/102.13 kg	