

QUICKSPECS

Compaq ProLiant 5500

MODELS

ProLiant 5500 6/200
512K (128 MB)
Model 1 Tower
285100-001

STANDARD FEATURES

Processors

200-MHz Intel Pentium® Pro processor
512-K cache

Upgradability

Chip upgradable to quad processing

Memory

128 MB of ECC EDO memory expandable to a maximum of 3 GB using industry-standard buffered DIMMs

Cache Memory

512-KB level 2 writeback cache per processor

Expansion Slots

Five PCI slots and three shared PCI/EISA slots (eight total slots, seven available)

Storage Controllers

Integrated Dual Channel Wide-Ultra SCSI-3 Controller

Network Controller

Netelligent 10/100 TX PCI UTP controller (uses one PCI slot)

Storage and Expansion

Four removable media bays: One 1.44-MB diskette drive (third height bay), one 16X Max¹ CD-ROM Drive IDE (occupies half-height bay) and two available half-height bays. Capacity for 6 x 1.6-inch, 7 x 1.0-inch (simplex mode) or 8 x 1-inch (duplex mode) hot-plug hard drives.

Maximum Storage

Internal: 127.4 GB (6 x 1.6-inch hot plug internal hard drives) using 18.2-GB hard drives; 2 x 9.1-GB hard drives installed in available removable media bays

External: 1.5 TB (12 ProLiant Storage Systems Model F1, each with 7 x 18.2-GB hard drives)

Total: 1.7 TB

Interfaces

Two serial ports, one parallel, keyboard, pointing devices (mouse), external Fast-Wide SCSI-2, network (RJ-45), graphics

Graphics

Integrated 1024 x 768, 256-color noninterlaced 1-MB Video Memory

Power Supply

750 Watt Hot-Pluggable Power Supply (single 750 Watt supports a fully configured system), optional Hot Pluggable Redundant Power Supply (RPS)

Manageability

Compaq Insight Manager
Compaq Remote Insight Board (optional)
Automatic Server Recovery-2 (ASR-2)
Integrated Remote Console (IRC)
Hardware Remote Console
Full Remote Server Reboot Capability
Reset and Failure Sequence Replay
Host Hardware Independent
Operating System Independent
Integrated Management Display (IMD)
Server Health Logging
Revision History Table
Automatic Revision Tracking
Drive Parameter Tracking (with SMART-2 controller)
Dynamic Sector Repairing (with SMART-2 controller)
Off-Line Backup Processor
Pre-Failure Warranty (Pentium Pro processors, hard drives and memory)
Redundant Fan Support

Security

MultiLock security features; power-on password; keyboard password; diskette drive control; diskette boot control; QuickLock, QuickBlank, Network Server Mode; parallel and serial interface control; administrator's password; disk configuration lock

Software

SmartStart, the server configuration and software integration tool from Compaq, is shipped standard with Compaq ProLiant servers. Both SmartStart and Compaq Insight Manager are included in the setup and management pack.

Service and Support

Compaq Services provides a wide range of service offerings including a three-year limited warranty² fully supported by a worldwide network of resellers and service providers; lifetime toll-free 7 x 24 hardware technical phone support; Pre-Failure Warranty coverage of hard drives, memory and processors. Disaster recovery services are available through partnership with Comdisco.

STANDARD FEATURES (cont'd)**Cabling**

The following cables are included in standard shipping configuration:

68-pin 6" point-to-point cable—connects SCSI Port A to SCSI backplane board

22" 3 device cable with terminator—connects SCSI Port B to the removeable media bays

18" IDE cable—connects IDE controller to the IDE CD-ROM

Floppy drive cable MT 15"—single device floppy cable connects floppy to system I/O board

The following cables/options are shipped in the country kit:

Duplex Enabler Board—allows you to duplex up to 8 x 1.0" hard drives

68-pin 8" point-to-point cable—used with duplex enabler board

19" point-to-point wide cable—used when cabling controller to SCSI backplane board when in simplex mode

68-pin female adapter—used when attaching narrow devices

OPTIONS**Processor**

ProLiant 5500 6/200 512K Processor Kit 306591-B21

Memory (DIMMs)

32-MB Memory Kit (2 x 16-MB buffered EDO DIMMs) 149023-B21

64-MB Memory Kit (2 x 32-MB buffered EDO DIMMs) 149024-B21

128-MB Memory Kit (2 x 64-MB buffered EDO DIMMs) 149025-B21

256-MB Memory Kit (2 x 128-MB buffered EDO DIMMs) 149026-B21

512-MB Memory Kit (2 x 256-MB buffered EDO DIMMs) 306541-B21

Monitors

V55 Color 308007-001

V75 Color 307710-001

V90 Color 305609-001

P50 Color 264200-001

P75 Color 307806-001

P110 Color 284956-001

P1610 Color 305708-001

TFT450 Flat Panel Color Monitor 170406-001

TFT500 Flat Panel Color Monitor 285006-001

Hard Drives/CD-ROM-Drives

2.1-GB Wide-Ultra SCSI-3 Hard Drive 242586-001

Hard Drives/CD-ROM-Drives (cont'd)

2.1-GB Pluggable Wide-Ultra SCSI-3 Hard Drive 242583-001

4.3-GB Pluggable Wide-Ultra SCSI-3 10,000 rpm³ Hard Drive 304859-B21

4.3-GB Wide-Ultra SCSI-3 Hard Drive 242584-001

4.3-GB Pluggable Wide-Ultra SCSI-3 Hard Drive 272577-001

9.1-GB Pluggable Wide-Ultra SCSI-3 10,000 rpm³ Hard Drive 304865-B21

9.1-GB Wide-Ultra SCSI-3 Hard Drive (1.6") 199884-001

9.1-GB Pluggable Wide-Ultra SCSI-3 Hard Drive (1.6") 199882-001

9.1-GB Pluggable Wide-Ultra SCSI-3 Hard Drive (1") 313706-B21

18.2-GB Pluggable Wide-Ultra SCSI-3 Hard Drive 313756-B21

1.44-Megabyte Diskette Drive (Third Height) 294164-B21

Internal 24X Max⁴ CD-ROM Drive 295545-B21

Internal 8X CD-ROM Drive (IDE) 295888-001

Storage Controllers

SMART-2DH Array Controller⁵ 295242-B21

SMART-2SL Array Controller⁵ 242776-B21

SMART-2/E Array Controller⁵ 194751-001

Dual Channel Wide-Ultra SCSI-3 Controller^{5,6} 295554-B21

Wide-Ultra SCSI-3 Controller⁵ 272514-001

Required Cabling

For required cabling information refer to Compaq website <http://www.compaq.com/products/servers/proliant5500>

Cables/Cable Option Kit

External Standard-to-Wide SCSI-2 Cable (60)⁷ 189632-002

External Standard-to-Wide SCSI-2 Cable (120) 189632-003

Daisy Chain Cable⁸ 199712-001

ProLiant 3000/5500 Cable Option Kit⁹ 306585-B21

Wide-to-Narrow Adapter Option Kit 212055-001

VHDCI 68-pin to standard 68-pin, 6' cable¹⁰ 295644-B21

VHDCI 68-pin to standard 68-pin, 12' cable¹⁰ 295645-B21

VHDCI 68-pin to standard 50-pin, 6' cable¹⁰ 295646-B21

VHDCI 68-pin to standard 50-pin, 12' cable¹⁰ 295657-B21

OPTIONS (cont'd)**External Storage**

SCSI Storage Expander	142185-001
ProLiant Storage System Rack Model/1	189600-001
ProLiant Storage System	189900-001
ProLiant Storage System Model/F1	272900-001
ProLiant Storage System Model/F2	272900-002
ProLiant Storage System Model/U1	304110-B21
ProLiant Storage System Model/U2	304110-B22
ProLiant Fast-Wide Duplexing Option	199614-001
Conversion Kit, SB to DB	272830-001
Conversion Kit, DB to SB	272826-001
ProLiant Storage System RPS Upgrade/F or /U	224206-001
CD-Storage System (tower)	306251-B21

Server Recovery

Recovery Server Option	213817-001
Recovery Server Option/F	272829-001
Recovery Server Option/U	304117-B21

Tape Drives

2/4-GB DAT Drive	142019-001
4/8-GB DAT Drive	295353-B21
12/24-GB DAT Drive	295513-B21
Internal 35/70-GB DLT Drive	242520-B21
External 35/70-GB DLT Drive	242521-B21
Internal 15/30-GB DLT Drive	242456-001
External 15/30-GB DLT Drive	242457-001
Internal TurboDAT AutoLoader	142183-001
External TurboDAT AutoLoader	142187-001

DLT Libraries¹¹

DLT Tape Array Model 0	199860-001
DLT Tape Array II Model 3570-4 no software	295165-001
DLT Library 15 Cartridge ¹² Model 1530-1	242403-B21
15/30 DLT Library Ready Drive	295166-B21
DLT Library Tabletop Conversion Kit ¹²	295162-B21
35/70 DLT Library Ready Drive	295557-B21
DLT Library 15 Cartridge ¹² Model 3570-1	295555-001
	295555-B31
DLT Library 15 Cartridge ¹² Model 3570-2	295555-002
	295555-B32

Communications

Serial/Parallel Interface Board	108406-002
Netelligent 100 FDDI PCI SAS Fiber-SC Controller	242505-001
Netelligent 100 FDDI PCI SAS Fiber-MIC Controller	287728-001

Communications (cont'd)

Netelligent 100 FDDI PCI DAS Fiber-SC Controller	242509-001
Netelligent 100 FDDI PCI SAS UTP Controller	242507-001
Netelligent 100 FDDI PCI DAS UTP Controller	242511-001
Netelligent 100 FDDI EISA SAS Fiber-MIC Controller	267413-001
Netelligent 100 FDDI EISA DAS Fiber-MIC Controller	267415-001
Netelligent 100 FDDI EISA SAS UTP Controller	267414-001
Netelligent 100 FDDI EISA DAS UTP Controller	267416-001
Netelligent Dual 10/100 TX PCI UTP Controller	242559-001
NetFlex-3/P Controller	
100Base-TX Upgrade Module ¹³	169804-001
100VG-AnyLAN Upgrade Module ¹³	169802-001
100Base-FX Upgrade Module ¹³	267657-001
Netelligent 10/100 TX PCI UTP Controller	169845-001
Netelligent 10 T PCI UTP Controller	242500-001
Netelligent 10 T/2 PCI UTP/Coax Controller	292856-B21
Netelligent 16/4 TR PCI IBM UTP/STP	301206-B21
Netelligent 4/16 TR PCI UTP/STP Controller	268009-001
Compaq 336 ISA Fax Modem	259213-002
Compaq Netelligent 56K ISA Fax Modem	294900-001

Uninterruptible Power Supply

UPS T1500 (100-127 volt)	242688-003
UPS T2000 (100-127 volt)	242688-005
UPS T1000h ¹⁴	242688-002
UPS T1500h ¹⁴	242688-004
UPS T2400h	242688-006
Multi-Server UPS Card	242755-001
Scalable UPS Card	242756-001

Other

Compaq Remote Insight Board	199748-001
4-Cassette Magazine	199453-001
12-Cassette Magazine	137610-001
2.0-GB DAT Cassette	131107-002
4.0-GB DDS2 DAT Cassette	137611-001
15/30-GB DLT Drive Cartridge (single)	242465-001
15/30-GB DLT Drive Cartridge (7 pack)	242466-001

OPTIONS (cont'd)**Other** (cont'd)

35/70-GB DLT Drive Cartridge (single)	295194-B21
35/70-GB DLT Drive Cartridge (7 pack)	295192-B21
DLT Cleaning Cartridge	199704-001
DLT Tape Array Cable Kit	242427-001
DLT Magazine with Five 15/30-GB DLT Tape	242898-B21
DLT Magazine with Five 35/70-GB DLT Tape	295168-B21
12.0-GB DDS3 DAT Cassette (10 Pack)	295515-B21
DAT 4mm Cleaning Cassette	242781-001

Rack Conversion Kit

Compaq ProLiant 5500 Tower to Rack Conversion Kit	306557-B21
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Redundant Options

Redundant Fan Kit	306558-B21
Compaq Hot-Pluggable Redundant Power Supply	306592-B21

¹ Data transfer rate will vary from 150 KB/s to 2400 KB/s.² Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.³ For complete compatibility information, refer to the Compaq SCSI Hard Drive Compatibility table located at <http://www.compaq.com/products/servers/storage/index-drives.html>. Using hard drives in unsupported configurations will result in voiding of the warranty and could result in damage to the drive and/or loss of data.⁴ Data transfer rate will vary from 150 KB/s to 3600 KB/s.⁵ Need to order ProLiant 3000/5500 Cable Option Kit (306585-B21) when connecting more than one SCSI channel internally on these controllers.⁶ Required to connect external VHDCI 50 or 68 pin device.⁷ External Standard-to-Wide SCSI-2 Cable (60) needed when connecting external Autoloader to Fast-Wide SCSI-2 or Wide-Ultra SCSI-3 Controller.⁸ External Daisy Chain Cables needed only when connecting two older external drives.⁹ This cable option kit contains the following cables:

199606-007	19" point-to-point wide cables (2) used when cabling RAID or SCSI controllers to the SCSI backplane board
199616-012	32" 3 device wide cable used when cabling SCSI-3 controller to a removable media bay
189646-005	8.75" external loop back cable used when attaching a SMART-2 controller via the external port in duplex mode

¹⁰ Required if connecting external device to Dual Channel Wide-Ultra Controller 295554-B21.¹¹ Anticipated performance of the DLT Library should be verified by using the Compaq Backup Configuration Tool, downloadable from the Compaq website at <http://www.compaq.com/products/servers/storage/cheyennetool.html>, and with the DLT Library Performance Whitepaper ECG046/0298.¹² The DLT 15 Cartridge Library Model 1530-1 (Part #242403-B21) or Model 3570 (Part #295555-001/002/B32/291) can be mounted in a Compaq rack. To use any model of the library on a tabletop, the customer would purchase one of the Library Models listed above and would also order the Tabletop Conversion Kit (Part #295162-B21) to provide metal top and side covers. Refer to the Compaq DLT Libraries QuickSpec for details.

DLT Library Model 1530-1 (3570-1/-2) includes one 15/30 DLT data cartridge (one 35/70 DLT data cartridge) and three empty 5-cartridge magazines. WW 242403-B21 (1530-1 drive) includes U.S. power cord US 295555-001/-002 (1 drive/2 drive) includes U.S. power cord, Int'l -B31/B32 (1 drive/2 drive) CTO power cord for country ordering the unit.

¹³ For use with NetFlex-3 controller only.¹⁴ Models not available in North America.