

# QUICKSPECS

Compaq ProLiant 2500

## MODELS

ProLiant 2500 6/200  
512K H  
Model 1  
307550-001

## STANDARD FEATURES

### Processors

200-MHz Intel Pentium® Pro with dual processor capability 512K cache

### Upgradability

Chip upgradable to dual processing

### Memory

32 MB of ECC memory expandable to a maximum of 1 GB using industry-standard buffered EDO DIMMs

### Cache Memory

512-KB high-speed 4-way set associative cache

### Expansion Slots

Two PCI slots and four shared PCI/EISA slots (six total slots).

### Network Controller

Netelligent 10/100 TX UTP Controller (embedded)

### Storage Controllers

All Models: Integrated Wide-Ultra SCSI-3 Controller (40 MB/s)

### Storage and Expansion

Four removable media bays: 1.44-MB diskette drive, one Internal IDE CD-ROM drive and two 5.25-inch removable media bays

### Standard Drive Cage Configurations

Hot-Plug Drive Cage supports five 1.0-inch hard drives (4.3-GB or 9.1-GB drives) or two 1.6-inch hard drives (9.1- or 18.2-GB drives) and one 1-inch drive (4.3-GB or 9.1-GB drive)

### Optional Drive Cage Configurations

Duplex Hot-Plug Drive Cage supports four 1-inch or two 1.6-inch hard drives

### Maximum Storage

63.7 GB  
External: 1.15 TB (7 x 18.2-GB) x 9

### Interfaces

External Wide-Ultra SCSI-3, network (RJ-45 and AUI), parallel, two serial, graphics, keyboard and pointing device (mouse)

### Graphics

Integrated 1024 x 768, 256-color noninterlaced

### Hard Drives

Optional

### Manageability

Compaq Insight Manager  
Compaq Remote Insight Board (optional)  
Automatic Server Recovery-2 (ASR-2)  
Integrated Remote Console (IRC)  
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)  
Recovery Server Option (optional)  
Off-Line Backup Processor  
I/O Bus Utilization Monitor (EISA)  
Pre-Failure Warranty (now covers Pentium Pro processors as well as hard drives and memory)

### Security

MultiLock security features; power-on password; keyboard password; diskette drive control; diskette boot control; network server mode; security provision; 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 Compaq SmartStart and Compaq Insight Manager are included in the setup and management pack.

### Power Supply

325 watts CE Mark Compliant  
Hot Pluggable Redundant Power Supply

### Service and Support

Compaq Services provides a wide range of service offerings including a three-year limited warranty<sup>1</sup> 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 Pentium Pro processor. Disaster recovery services are available through partnership with Comdisco.

**OPTIONS****Processor**

Pentium Pro 200/512K Kit 300906-001

**Memory (DIMMs)**

32-MB Memory Expansion Kit 271907-001

(1 x 32-MB buffered EDO DIMM)

64-MB Memory Expansion Kit 271908-001

(1 x 64-MB buffered EDO DIMM)

128-MB Memory Expansion Kit 271909-001

(1 x 128-MB buffered EDO DIMM)

256-MB Memory Expansion Kit 271910-001

(1 x 256-MB buffered EDO DIMM)

**Monitors**

V55 Color 308007-001

V75 Color 255606-001

V90 Color 305609-001

P50 Color 264200-001

P75 Color 255650-001

P110 Color 284956-001

P1610 Color 305708-001

TFT450 Flat Panel Monitor 170406-001

TFT500 Flat Panel Monitor 285006-001

ProLiant 2500 Integrated Management Display 264377-B21

**Hard Drives/CD-ROM Drives**

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

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

4.3-GB Pluggable Wide-Ultra SCSI-3 10,000 rpm<sup>2</sup> Hard Drive 304859-B21

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

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

9.1-GB Pluggable Wide-Ultra SCSI-3 10,000 rpm<sup>2</sup> Hard Drive 304865-B21

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

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

Internal 8X CD-ROM IDE 295888-001

Internal 24X Max<sup>3</sup> CD-ROM 295545-B21

Internal QuadSpeed CD-ROM 223312-001

**Storage Controllers**

SMART-2DH Array Controller 295242-B21

SMART-2SL Array Controller 242776-B21

**Storage Controllers (cont'd)**

32-Bit Fast-Wide SCSI-2/E Controller 142290-001

Wide-Ultra SCSI-3 Controller 272514-001

Dual Channel Wide-Ultra SCSI-3 Controller 295554-B21

SMART-2/E Array Controller 194751-001

**Drive Cages**

ProLiant 2500 Hot-Plug Cage (Duplexing) 264368-001

ProLiant 2500 Hot-Plug Cage (5 x 1") 271912-001

ProLiant 2500 Hot Plug Cage (3 x 1.6") 271911-B21

**Required Cabling**For required cabling information refer to Compaq website <http://www.compaq.com/products/servers/proliant2500>**External Storage**

ProLiant Storage System Model/1 189600-001

ProLiant Fast-Wide Duplexing Option 199614-001

SCSI Storage Expander 142185-001

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

Conversion Kit, SB to DB 272830-001

Conversion Kit, DB to SB 272826-001

Power Supply Option (US) 224206-001

DLT Tape Array II Model 3570-4 (US) no software 295165-001

DLT Tape Array Model 0 199860-001

CD-Storage System (tower) 306251-B21

**Server Recovery**

Recovery Server Option/Model 1 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

4/8-GB SLR Drive 295480-B21

12/24-GB DAT Drive 295513-B21

External 15/30-GB DLT Drive 242457-001

External 35/70-GB DLT Drive 242521-B21

12/24-GB DAT Drive 295513-B21

**OPTIONS** (cont'd)**Tape Drives** (cont'd)

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

**DLT Libraries<sup>4</sup>**

DLT Tape Array Model 0	199860-001
DLT Tape Array II Model 3570-4 no software	295165-001
DLT Library 15 Cartridge <sup>5</sup> Model 1530-1	242403-B21
15/30 DLT Library Ready Drive	295166-B21
DLT Library Tabletop Conversion Kit <sup>5</sup>	295162-B21
35/70 DLT Library Ready Drive	295557-B21
DLT Library 15 Cartridge <sup>5</sup> Model 3570-1	295555-001
	295555-B31
DLT Library 15 Cartridge <sup>5</sup> Model 3570-2	295555-002
	295555-B32
DLT Library Magazine with 5 1530-GB Tapes	242898-B21
DLT Library Magazine with 5 3570-GB Tapes	295168-B21

**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
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	242559-001
NetFlex-3/P Controller	
100Base-TX UTP Module <sup>6</sup>	169804-001
100VG-AnyLAN UTP Module <sup>6</sup>	169802-001
100Base-FX Module <sup>6</sup>	267657-001
Netelligent 10/100 TX PCI UTP Controller	169845-001

**Communications** (cont'd)

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
AUI to BNC Transceiver	192732-001
Compaq 336 ISA Fax Modem	259213-002
Compaq Netelligent 56K ISA Fax Modem	294900-001

**Uninterruptible Power Supply**

Compaq Power Distribution Unit-low voltage	295363-001
Compaq Power Distribution Unit-high voltage	295363-B31
Multi-Server UPS Card	242755-001
Scalable UPS Card	242756-001
UPS 700 (200-240 Volt/2400 Volt Amp)	295372-001
UPS Model T1000 (100-127 Volt/1000 Volt Amp)	242688-001
UPS Model T1500 (100-127 Volt/1440 Volt Amp)	242688-003
UPS Model T2000 (100-127 Volt/1920 Volt Amp)	242688-005
UPS Model T1000h <sup>7</sup> (200-240 Volt/1000 Volt Amp)	242688-002
UPS Model T1500h (200-240 Volt/1440 Volt Amp)	242688-004
UPS Model T2400h <sup>7</sup> (200-240 Volt/2400 Volt Amp)	242688-006
UPS Model T1000	242688-001
UPS Model T1500	242688-003
UPS Model T2000	242688-005
UPS Model T1000h <sup>7</sup>	242688-002
UPS Model T1500h <sup>7</sup>	242688-004
UPS Model 2400h	242688-006
Multi Server UPS	242755-001
Scalable UPS	242756-001

**Redundant Options**

ProLiant 2500 Redundant Power Supply	264369-001
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**OPTIONS** *(cont'd)***Other**

ProLiant 2500 Rack Mounting Hardware Kit	264367-001
ProLiant 2500 Optional Cable Kit <sup>8</sup>	300909-001
Compaq Remote Insight Board	199748-001
Integrated Management Display	264377-B21
Compaq Tower-to-Rack Conversion Kit	149068-B21

<sup>1</sup> Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.

<sup>2</sup> For complete compatibility information, refer to the Compaq SCSI Hard Drive Compatibility table located at <http://www.compaq.com/products/servers/storage/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.

<sup>3</sup> Data transfer rate will vary from 150 KB/s to 3600 KB/s.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> For use with NetFlex-3 controller only.

<sup>7</sup> Models not available in North America.

<sup>8</sup> Ships standard with ProLiant 2500 (serial #703 or higher).