

TECHSPECS

Compaq ProLiant 5000R

System Unit

Dimensions (HxWxD)	12.25 x 19 x 23 in/31.15 x 48.26 x 58.42 cm
Weight	62 lb/28 kg
Input Requirements	
Range Line Voltage	90-132 VAC/180-270 VAC
Nominal Line Voltage	100-120 VAC/220-240 VAC
Line Frequency	50-60 Hz
Heat	2696 BTU
Steady-State Power (standard and Redundant Power Supply Models)	488 W/540 W
Temperature Range (noncondensing)	
Operating	50° to 93°F/10° to 35°C
Shipping	-22° to 140°F/-30° to 60°C
Relative Humidity (noncondensing)	
Operating	20% to 80%
Nonoperating	5% to 90%

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

8X Internal CD-ROM Drive IDE

Disk	
Applicable Disk	CD-ROM (Mode 1 and 2), CD-DA, CD-XA (Mode 2, Form 1 and 2), Photo CD (Single and Multiple Session), Mixed Mode (Audio and Data Combined)
Capacity	550 MB (Mode 1, 12 cm), 640 MB (Mode 2, 12 cm), 180 MB (8 cm)
Block Size	2352, 2340, 2336, 2048, 1024 bytes (Mode 1); 2646, 2352, 2048, 2340, 2336, 1024 bytes (Mode 2); 2352 bytes (CD-DA)

**8X Internal CD-ROM
Drive IDE (cont'd)**

Disk	
Diameter	4.7 in, 3.15 in/12 cm, 8 cm
Rotational Speed	2120-920 rpm, normal quad
Center Hole	.6 in/15 mm diameter
Thickness	.05 in/1.2 mm
Track Pitch	1.6 μ m
Interface	
IDE	
Access Times (typical)	
Random	Less than 200 ms
Full Stroke	Less than 500 ms
Audio Output Level	
Line Out	0.7 VRMS at 47 kOhms
Headphone	0.7 VRMS at 32 kOhms (maximum volume)
Data Transfer Rate	
Sustained	600 KB/s
	1200 KB/s
Burst	4 MB/s
Cache Buffer	
256 KB	
Start-Up Time (typical)	
Less than 7 seconds	
Stop Time	
Less than 4 seconds	
Laser Parameters	
Type	Semiconductor Laser GaAlAs
Wave Length	780 \pm 25 nm
Divergence Angle	53.5° \pm 1.5°
Output Power	0.24 mW \pm 0.1 mW
Operating Conditions	
Temperature	41-113°F/5-45°C
Humidity	10-80%
Dimensions	
(HxWxD, maximum)	1.69 x 5.75 x 8.19 in/4.29 x 14.6 x 20.8 cm
Weight	
2.09 lb/.95 kg	

**Wide-Ultra SCSI-3
Hard Drives**

	4.3-GB	4.3-GB	9.1-GB	9.1-GB	18.2-GB
Capacity	4293.6 MB	4293.6 MB	9100.0 MB	9100.0 MB	18209.8 MB
Height	Third, 1.0 inch	Third, 1.0 inch	Third, 1.0 inch	Half, 1.6 inch	Half, 1.6 inch
Size	3.5 in	3.5 in	3.5 in	3.5 in	3.5 in
Interface	Wide-Ultra SCSI-3	Wide-Ultra SCSI-3	Wide-Ultra SCSI-3	Wide-Ultra SCSI-3	Wide-Ultra SCSI-3
Transfer Rate	40 MB/s	40 MB/s	40 MB/s	40 MB/s	40 MB/s
Sector Interleave	1:1	1:1	1:1	1:1	1:1
Seek Time (typical, including settling)					
Single Track	1.0 ms	0.8 ms	2.0 ms	0.8 ms	2.0 ms
Average	7.9 ms	7.5 ms	7.5 ms	8.0 ms	8.5 ms
Full Stroke	19.0 ms	18.0 ms	16.0 ms	18.0 ms	19.0 ms
Rotational Speed	7200 rpm	10,000 rpm	7200 rpm	10,000 rpm	7200 rpm

**Wide-Ultra SCSI-3
Hard Drives** *(cont'd)*

	4.3-GB	4.3-GB	9.1-GB	9.1-GB	18.2-GB
Physical Configuration					
Cylinders	4,811	6,582	8,162	6,582	8,162
Heads	11	8	10	16	20
Sectors/Track	126 to 207	131 to 195	140 to 280	131 to 195	140 to 280
Bytes/Sector	512	512	512	512	512
Logical Blocks	8,386,000	8,386,000	17,773,500	17,773,550	35,566,000
Operating Temperature	50° to 95°F/ 10° to 35°C	50° to 86°F/ 10° to 30°C	50° to 95°F/ 10° to 35°C	50° to 86°F/ 10° to 30°C	50° to 95°F/ 10° to 35°C

**Integrated Wide-Ultra
SCSI-3 Controller**

Drives Supported	Up to seven SCSI devices
Data Transfer Method	32-Bit PCI bus master
SCSI Channel Transfer Rate	40 MB/s per channel
Maximum Transfer Rate per PCI Bus (peak)	133 MB/s
SCSI Termination	Active Termination
SCSI Connectors	1 external, 1 internal

**Integrated 32-Bit
Fast-Wide SCSI-2
Controller**

Drives Supported	Up to seven SCSI-2 devices
Data Transfer Method	32-Bit PCI bus master
SCSI Channel Transfer Rate	20 MB/s
Maximum Transfer Rate per PCI Bus	133 MB/s
SCSI Termination	Active Termination
SCSI Connectors	1 external, 2 internal

**Netelligent 10/100 TX
PCI UTP Controller**

Network Interface	10Base-T/100Base-TX
Compatibility	IEEE 802.3/802.3u compliant
Data Transfer Method	32-bit bus-master PCI
Network Transfer Rate	
10Base-T (Half-Duplex)	10 Mb/s
10Base-T (Full-Duplex)	20 Mb/s
100Base-TX (Half-Duplex)	100 Mb/s
100Base-TX (Full-Duplex)	200 Mb/s
Connector	Single RJ-45
Dimensions	5.3 x 2.7 x .75 in/12.2 x 6.9 x 1.9 cm
I/O Address and Interrupt	Automatic Configuration
Environmental Requirements	
Operating	0° to 55°C; 10% to 90% humidity (noncondensing)
Nonoperating	-65° to 85°C; 5% to 95% humidity (noncondensing)
Communication Processor	Texas Instruments Novell ThunderLAN
Power Requirements	614mA @ +5V typical

Netelligent 10/100 TX
PCI UTP Controller
(cont'd)

Emissions Standards

FCC Class B
EN55022 Class B
CE Compliant

Cable Support

10Base-T

Categories 3, 4 or 5 UTP (2 or 4 pair); up to 100 meters (328 feet)

100Base-TX

Category 5 UTP (2 pair); up to 100 meters (328 feet)

OS Driver Support

NetWare Server v 3.20, 4.1x, intraNetWare, SFT III, Novell NetWare DOS, IBM LAN Server NDIS 3.0
Microsoft Windows NT, Windows 95, Windows for Workgroups
SCO Unix

Compaq Rack 7142 (42U)
(optional)

Dimensions

Height
Depth
Width
Weight

Total Cabinet

85.30 in/216.66 cm
33.50 in/85.09 cm
24.00 in/60.96 cm
253 lb/114.84 kg

Usable Area

73.50 in/186.69 cm
29 in/73.66 cm
17.6 in/44.7 cm
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Shipping

90.75 in/230.5 cm
48 in/121.92 cm
32 in/81.28 cm
325 lb/147.52 kg

Compaq Rack 7122 (22U)
(optional)

Dimensions

Height
Depth
Width
Weight

Total Cabinet

50.29 in/127.73 cm
33.50 in/85.09 cm
24.00 in/60.96 cm
176 lb/79.89 kg

Usable Area

38.50 in/97.79 cm
29 in/73.66 cm
17.6 in/44.7 cm
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Shipping

56.63 in/143.84 cm
48 in/121.92 cm
32 in/81.28 cm
225 lb/102.13 kg

Compaq Rack 4136 (36U)
(optional)

Dimensions

Height
Depth
Width
Weight

Total Cabinet

67.97 in/172.5 cm
34.49 in/87.55
23.56 in/59.8 cm
225 lb/102.13 kg

Usable Area

63.05 in/160.02 cm
31.01 in/78.7 cm
17.77 in/45.1 cm
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Shipping

85.25 in/203.84 cm
33.50 in/85.09 cm
24.0 in/60.96 cm
234 lb/106 kg

¹ Hard drive specifications may vary slightly depending on vendor.