

TECHSPECS

Compaq ProLiant 5000

System Unit

Dimensions (HxWxD)	
Feet Not Extended	25.80 x 8.75 x 22.40 in/65.3 x 22.2 x 56.9 cm
Feet Extended	25.8 x 16.15 x 22.40 in/65.3 x 41.0 x 56.9 cm
Weight	
59.8 lb/27.09 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
Read/Write Heads	Two

8X CD-ROM Drive IDE Internal

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

Disk <i>(cont'd)</i>	
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

Integrated 32-Bit
Fast-Wide SCSI-2/E
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

SMART-2DH Array
Controller

Protocol	Wide-Ultra SCSI-3
SCSI Electrical Interface	Single-ended
Drives Supported	Up to 14 Wide-Ultra SCSI-3, Fast-Wide or Fast-SCSI-2 Hard Drives
Data Transfer Method	32-bit PCI bus master
Maximum Transfer Rate on PCI Bus (peak)	133 MB/s

SMART-2DH Array
Controller *(cont'd)*

Total Channel Transfer Rate	80 MB/s (40 MB/s per channel)
Software Upgradable Firmware	Yes
Simultaneous Drive Transfer Channels	Two
Cache	16-MB ECC protected Array Accelerator, removable with battery backup
Logical Drives Supported	32
Reliability Features	
Distributed Data Guarding (RAID 5)	Yes
Data Guarding (RAID 4)	Yes
Drive Mirroring (RAID 1)	Yes
Drive Striping (RAID 0)	Yes
Controller Duplexing	Operating System Dependent
Automatic Data Recovery	Yes
Dimensions	
Height	3.8 in/9.9 cm
Length	13.75 in/34.9 cm
Thickness (including Array Accelerator)	.80 in/1.5 cm
Total Weight (including Array Accelerator)	N/A
Temperature Range	
Operating	50° to 95°F/10° to 36°C
Shipping	-22° to 140°F/-30° to 60°C
Related Humidity (non condensing)	
Operating	20% to 80%
Non-Operating	5% to 90%
Power Required	+5 V/2.6 amp +12 V/20 ms -12 V/20 ms
Heat Dissipated (maximum)	13.5 watts

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
100Base-TX (Full-Duplex)	20 Mb/s
100Base-TX (Half-Duplex), 100VG-AnyLAN	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 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

Novell 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