

Compaq ProLiant 1850R Series

The Compaq ProLiant 1850R Series is a low-profile server that combines affordability and a unique space-saving design tailored exclusively for rack environments.

- Dual processor — Pentium II processor 350, 400, 450 or 500 MHz
- Up to 1 GB SDRAM memory support
- Up to 72.8 GB hot-plug internal disk storage
- Rack only

KEY FEATURES

PENTIUM II PROCESSOR

350, 400, 450 and 500 MHz with 512 KB level 2 ECC cache
Dual-processor capable

SDRAM ECC MEMORY

64 MB memory standard (128 MB 500 MHz model)
Expandable to 1 GB

DUAL-CHANNEL INTEGRATED WIDE-ULTRA SCSI-3 CONTROLLER

SLOTS AND BAYS

4 available slots (all models)
Up to 6 available bays (500 MHz)
Up to 5 available bays (400/450 MHz)

NETWORK CONTROLLER

Compaq 10/100 PCI Controller 10 Mbps performance, autosensing to 100 Mb/s Ethernet

FAULT-TOLERANT FEATURES

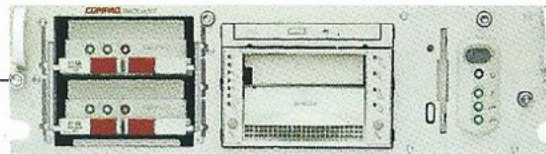
Hot-plug hard drives, hot-pluggable power supply with redundant option, Automatic Server Recovery (ASR-2), Online Recovery Server option support and the optional Smart Array Controller

MANAGEABILITY AND INTEGRATION TOOLS

Compaq Insight Manager and SmartStart, Optional Integrated Management Display simplifies on-site diagnostics and systems management

TYPICAL APPLICATIONS AND USAGE

- File/print applications
- Communications
- E-mail (exchange) server
- Internet/intranet
- Small databases



COMPATIBLE OPTIONS

64 MB Registered SDRAM Memory	313614-B21
128 MB Registered SDRAM Memory	313615-B21
256 MB Registered SDRAM Memory	313616-B21
512 MB Registered SDRAM Memory	313617-B21
4.3 GB Pluggable Wide-Ultra SCSI-3 (1").....	272577-001
4.3 GB Pluggable Wide-Ultra SCSI-3, 10K-II rpm (1")	336356-B21
9.1 GB Pluggable Wide-Ultra SCSI-3 (1")	313706-B21
9.1 GB Pluggable Wide-Ultra SCSI-3, 10K-II rpm (1")	336357-B21
18.2 GB Pluggable Wide-Ultra SCSI-3 (1.6")	313756-B21
18.2 GB Pluggable Wide-Ultra SCSI-3	
Pentium II 350 MHz-512 KB Processor Opt. Kit ...	313611-B21
Pentium II 400 MHz-512 KB Processor Opt. Kit ...	313612-B21
Pentium II 450 MHz-512 KB Processor Opt. Kit ...	313618-B21
Pentium II 500 MHz-512 KB Processor Opt. Kit ...	401268-B21
10K-II rpm (1.6").....	336358-B21
4.3 GB Pluggable Ultra2 (1")	349513-B21
4.3 GB Pluggable Ultra2, 10K rpm (1")	328938-B21
9.1 GB Pluggable Ultra2 (1")	349514-B21
9.1 GB Pluggable Ultra2, 10K rpm (1")	328939-B21
18.2 GB Pluggable Ultra2 (1")	328943-B21
PL1850R Ultra2 Drive Cage (4 x 1" LVD capacity)	382160-B21
PL1800R Ultra2 Media Bay Drive Cage (2 x 1" LVD capacity)	388255-B21
SMART-2DH Array Controller	295242-B21
Smart Array 3200 Controller	295643-B21
Smart Array 221 Controller	388099-B21
2Channel Ultra2 Controller	348757-B21
ProLiant 1850R Hot-Pluggable Redundant Power Supply	327477-001
12/24 GB DDS-3 DAT Drive	295513-B21
20/40 GB DLT Drive (internal)	340743-B21
35/70 GB DLT Tape Drive (internal)	242520-B21
Netelligent 56K ISA Fax Modem	242705-001

COMPAQ PROLIANT 1850R SERIES

1-800-345-1518

	Compaq ProLiant 1850R Series	Hewlett-Packard NetServer LPi	IBM Netfinity 5000	Dell PowerEdge 4350
Maximum Number of Servers in a 42U Rack	14	21	8	10
Pentium II Processor	400, 450 or 500 MHz	400 or 450 MHz	350, 400, 450 or 500MHz	350, 400, 450 or 500 MHz
Number of Processors	Up to 2	Up to 2	Up to 2	Up to 2
Secondary Cache	512 KB	512 KB	512 KB	512 KB
Maximum Memory	1 GB	1 GB	1 GB	1 GB
Disk Controller	Integrated Dual Wide-Ultra SCSI-3	Integrated Ultra SCSI-2	Dual Wide-Ultra SCSI-3	Integrated Ultra SCSI-2
32-Bit PCI NIC	Integrated 100Base-T PCI UTP	10/100TX	N/A	10/100 Ethernet
Expansion Slots	4	4	5	6
Drive Bays	8	4	8	6
Form Factor	3U Rack	2U Rack	5U Rack	4U Rack
Automatic Server Recovery	Standard	Standard	Standard	Standard
Online Recovery Server	Optional	No	No	No
Hot-Pluggable Drives	Yes	Yes	No	No
Remote Management	Integrated Remote Console	Optional	Optional	Optional
Server Management	Compaq Insight Manager	NetServer Assistant	TME 10 Netfinity	HP OpenView SE
Intelligent Integration	Compaq SmartStart	NetServer Navigator	ServerGuide	Server Assistant
Pre-Failure Warranty	Standard*	Hard drives only	Hard drives only	No
Standard Warranty	3-year, on-site**	3-year, on-site	3-year, on-site, next-day response	3-year parts, 1-year labor

* Only Compaq SCSI hard drives that are connected to one of the Compaq array controllers and monitored by Compaq Insight Manager are covered by the pre-failure warranty. Requires Compaq Insight Manager and covers SCSI hard drives using the Compaq SMART-2/P, SMART-2SL or SMART-2DH Array Controller, Pentium Pro processors, Pentium II processors and Pentium Xeon processors.

For clustering and fibre channel options, see pages 89, 90 and 113.

Models and Part Numbers

Model
ProLiant 1850R 6/400 MHz
Part # 333100-001

Model
ProLiant 1850R 6/450 MHz
Part # 328970-001

Model
ProLiant 1850R 6/500 MHz
Part # 386745-001

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