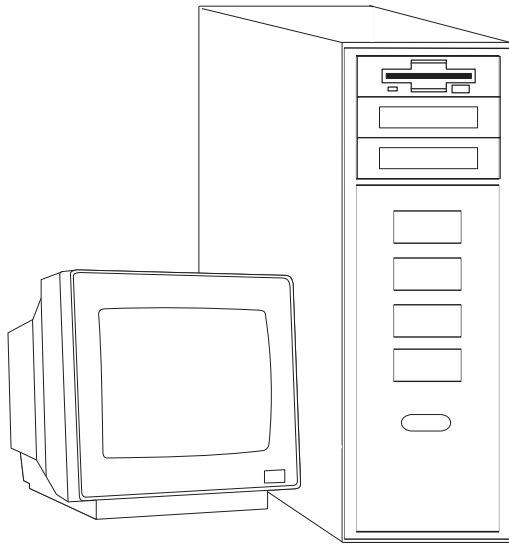


# Compaq Proliant 1000



Compaq Proliant 1000 Family

## Specifications

### Processor

- Intel 486DX2/66, Pentium 60MHz

### Memory

- 16MB RAM expands to 144MB

### I/O Expansion Slots

- 7- available expansion slots

### Diskette Drive

- 1-3.5" 1.44 diskette drive

### Integrated Features

- Serial, parallel, pointing device port, 32-bit Fast SCSI-2 network, 1024x768, 16 color non-interlaced graphics

### Internal Expansion Bays

- 5-internal hot pluggable expansion bays

### I/O Architecture (Bus's supported)

- Compaq Flex, TriFlex PC architecture (EISA)

### Power Supply

- 300 watt power supply

### Diagnostics

- Normal Post Diags performed on Power UP of system.
- For Advanced Diags use Diskette version 9.0
- Troubleshoot according to errors found during test

## Tools And Software Requirements

- Flat bladed and Torx T-8, T-10, and T-15 screwdrivers
- Needle nose pliers
- ROM removal tool
- Diagnostics and formatted blank diskettes
- Anti-static wrist strap

## Switch Settings

### SW1 (003251)

Switch	486DX2/66	Overdrive Processor
S1	ON	OFF
S2	OFF	ON
S3	ON	ON

### SW2 (003251, 004007)

Switch	S1	S2	S3	S4	S5	S6
Video on	OFF*					
Video off	ON					
Config lock off		OFF*				
Config lock on		ON				
Reserved			OFF*			
Dsktte boot off					OFF*	
Dsktte boot on					ON	
Pwr-on Psswd off					OFF*	
Pwr-on Psswd on					ON	
NV RAM off						OFF*
NV RAM on						ON

## Removal Procedures

Before beginning removal complete the following steps.

1. Turn off the computer and any peripheral devices.
2. Disconnect AC power cord from the outlet and system.
3. Disconnect all peripheral devices from the computer.

## System Cover

**Warning:** High voltage is present, use caution when running the Proliant without the system cover on.

1. How to remove the cover
2. Lift and remove the front bezel door
3. Loosen thumb screws and remove at front of panel
4. Slide system unit cover forward then up

## Field Replaceable Units

Memory	Assembly	OEM Part	IBM Part
1MB 70ns mod.	118666-004	141752-001	22H0688
1MB 80ns mod.	118666-002	118740-001	93F7236
2MB 70ns mod.	118667-004	141753-001	20H8474
2MB 80ns mod.	118667-002	113923-001	93F7280
4MB 70ns mod.	118665-004	141754-001	20H6294
4MB 80ns mod.	115665-002	118741-001	93F7237
8MB 70ns mod.	129041-002	141755-001	90G7098
8MB 80ns mod.	129041-001	128954-001	93F7238
16MB 70ns mod.	137143-003	149947-001	90G7101
16MB 80ns mod.	137143-002	139143-001	90G7880
32MB 70ns mod.	139973-002	149948-001	20H8476
32MB 80ns mod.	139973-001	139949-001	20H8554

## Controller Boards

Description	Assembly	OEM Part	IBM Part
SMART contrlr	002969 003596	142130-001	20H8547
Fast SCSI-2	002682	142040-001	90G6451
Fast wide SCSI-2/E	003529	199634-001	37H1205
NetFlex contrlr	002709	142041-001	20H8539
NetFlex contrlr TR	142035	142042-001	20H8555
NetFlex-2 ENET-TR	003382	142222-001	20H8566
NetFlx-2 Dual ENET	003101	142151-001	20H8567
NetFlex-2 TR	003647	199521-001	20H8538
NetFlex-2 Dual TR	003104	142195-001	20H8630
NetFlex-3/E contrlr	004162	169801-001	52H5606
NetFlex-3/P contrlr	004165	169811-001	74H2685
NtFlx-3 100base TX	004183	169805-001	61H8949
NtFlx3 100VG upgd	004189	169803-001	61H8947

## Internal Hard Drive

Size	OEM Part	IBM Part
550MB Pluggable Fast SCSI-2	146799-001	20H8716
1.05GB Plggbl Fast SCSI-2	146717-001	20H8717
2.1GB Pluggable Fast SCSI-2	199428-001	20H8576
2.1GB Plggbl Fast-wide SCSI-2 <sup>1</sup>	199643-001	52H5595
4.3GB Pluggable Fast SCSI-2	199584-001	52H5605
4.3GB Plggbl Fast-wide SCSI-2 <sup>1</sup>	199598-001	52H5596

<sup>1</sup> Requires fast-wide SCSI-2 backplane upgrade

System Bds	Assembly	OEM Part	IBM Part
486DX2/44 Sys I/O	003251	149337-001	20H8562
5/60 Sys I/O	004007	190043-001	20H8569

Diskette Drives	OEM Part	IBM Part
1.2MB	112566-001	93F7252
1.44MB	144207-001	20H8548
1.44MB (optional)	112565-001	93F7107

CD ROM Drives	OEM Part	IBM Part
Internal tray load	142223-001	20H8472
External tray load	199430-001	20H8471
Caddy load	133881-001	93F9345

Tape Drives	OEM Part	IBM Part
525MB ACA	142073-001	90G6447
1.2GB TBU	199615-001	61H8964
2/8GB DAT	142074-001	20H8559
4/16GB TurboDat	199464-001	20H8549
Internal TurboDat Autoloader	199466-001	20H8551
10/20 table top DLT	199676-001	61H8971

Miscellaneous	Assembly	OEM Part	IBM Part
2400bd modem	001732-002	121250-001	93F9380
Speedpaq 144	002449-001	199906-001	20H8096
Ser/Para interface	000990-001	106886-001	93F7110
Speedpaq 144/I	003002	147453-001	55H1777
hot-plggbl bckpln	003621-001	148579-001	20H8565
hot-plggbl drv tray	146729-003	146781-001	20H8718
clock battery		149344-001	20H8525
power supply		190144-001	20H8557
488 watt pwr spl		163828-001	37H1191

Cables	OEM Part	IBM Part
Internal SCSI HDD	148589-001	48H6831
External SCSI signal	146776-001	22H0168
Internal SCSI 2 device	148728-001	61H8937
LED cables	148585-001	61H8934
Diskette drive signal	190746-001	66H7796
Dualport ENET loopback	142254-001	20H8725
Dual AUI breakout	197134-001	20H8727
DLT, 6", std to centronics	199714-001	61H8973
DLT, 6", wide to centronics	199780-001	61H8975
DLT, 18", daisy chain table top	199713-001	61H8972
DLT active terminator	199715-001	61H8974
50 pin to 68 pin adapter	189638-001	53H1431

System ROM	OEM Part	IBM Part
System ROMPaq	143198-001	20H8731
Option ROMPaq	142207-001	37H1204
Drive Backplane ROM	146705-001	20H8735