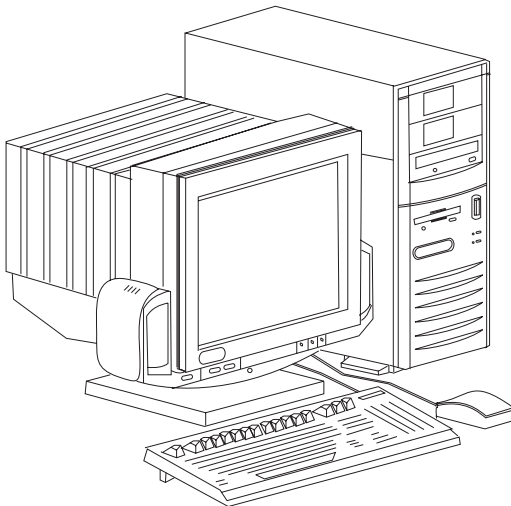


# Compaq Presario 800 Family



Compaq Presario 800 Family

## Specifications

### Processor

- Intel 486SX2/66, 486DX2/66, 586.

### Memory

- 4MB/8MB of RAM expands to 100/104MB.

### I/O Expansion Slots

- Three 16-bit ISA slots, one Compaq feature slot.

### Diskette Drive

- One 3.5" 1.44 diskette drive.

### Integrated Features

- Serial, Parallel
- Pointing device port
- 16-bit sound system
- Cirrus 5434 video controller

### Internal Expansion Bays

- Supports two external 1/2 ht. drives
- One internal 1/3 ht. drive.

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

- Industry Standard Architecture (ISA)

### Power Supply

- 145 watt power supply

### Diagnostics

- Normal Post Diags performed on Power UP of system.
- For Advanced Diags use QAPLus/FE.
- Troubleshoot according to errors found during test.

### CMOS Access

- QAPLus/FE.

### 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

### Processor Settings (003421, 003422, 003516, 004107)

Description	P2	P3	P4	P6
486SX	1-2	1-2	3-4	1-2
ODPR 486SX2, 486DX, 486DX2	2-3	2-3	1-2	1-2
ODP 487SX	2-3	2-3	2-3	1-2
Pentium ODP	2-3	2-3	2-3	2-3

### Configuration Jumper Settings (004105,004259)

Description	P7	P1	P5	P8	P9
25/50MHz	1-2				
33/66MHz	2-3				
Pent. ODP Write thru		1-2			
Pent. ODP Write back		2-3*			
Turn on video			2-3*		
Turn off video			1-2		
Printer/IRQ7				1-2*	
Printer/IRQ5				2-3	
Clear CMOS					10sec
* Default					

## 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

How to remove the cover:

1. Loosen three thumbscrews on the rear of the computer to release the cover.
2. Slide the cover towards the front of the computer and lift it up from the chassis.

## Field Replaceable Units

Memory	Assembly	OEM Part	IBM Part
1MB	118666-004	141752-001	22H0688
2MB	118667-004	141753-001	20H8474
4MB	137854-002 118665-004	141754-001	20H6294
8MB	137853-002 129041-002	141755-001	90G7098
16MB	142850-001	149947-001	90G7101
32MB	139973-002	149948-001	20H8476
128KB cache	003454-001 003670-001	197050-001 197005-001	20H8461 37H7027

### Controller Boards

Description	Assembly	OEM Part	IBM Part
6260 SCSI-2	004004	146993-001	90G6453
QVision 1024/I	002948	148866-001	20H8089
QVision 1280/I	0002951	139182-001	20H8090
Ser./Paral. Intf.	000990	106886-001	93F7110
Sound bd.	197492-001	197493-001	20H8458

## Field Replaceable Units, continued

### Internal Hard Drives

Size	Type	OEM Part	IBM Part
550MB SCSI	51	142038-001	90G6449
1.05GB SCSI	N/A	192799-001	61H9728

### System Boards

Description	Assembly	OEM Part	IBM Part
System bds.	003422 003516 003421 004107	197023-001	20H8459

\* System board kit does not contain the processor chip, it has to be removed from the existing computer.

### Diskette Drives

Description	OEM Part	IBM Part
1.44MB	160788-201	22H5116
1.2MB	141367-001	20H8462

### CD ROM Drives

Description	OEM Part	IBM Part
Internal tray load	142223-001	20H8472
External tray load	199430-001	20H8471
CD ROM rails	197841-001	66H7818

### Tape Drives

Description	OEM Part	IBM Part
120/250MB 1/2 ht w/ cmprsn.	197490-001	20H8465

### Modems

Description	Assembly	OEM Part	IBM Part
Int. mdm.		197458-001	20H8475
Int. 14.4 mdm.	176813-001	176821-001	48H7279
SpeedPaq 144/l	003002	147453-001	55H1777

### Miscellaneous

Description	OEM Part	IBM Part
Power supply	197416-001	20H8477
Clock battery	160274-001	20H8456

### Cables

Description	OEM Part	IBM Part
HD signal cable	197834-001	48H7504
Diskette signal cable	197833-001	55H1057
LED cable	197832-001	66H7816
CD-ROM data cable	197842-001	66H7819
CD-ROM audio cable	199493-001	66H7835

### Microprocessors

Description	Location	OEM Part	IBM Part
486DX2/50	U25	197421-001	68H0228
486DX2/66	U25	197422-001	87H2325

### System ROM

Description	# on ROM	OEM Part	IBM Part
0050294	197096-004	181044-001	48H7343