

# Compaq Presario 700 Family

## Tools and Software Requirements

- Torx T-8, T-10, T-15 screwdriver
- Flat bladed screwdriver
- Jeweler's screwdriver (1/16" wide blade)
- Coprocessor removal tool
- ROM removal tool
- 25-pin/9-pin loopback plug
- System configuration software
- Diagnostics and formatted blank diskettes
- Anti-static wrist strap

## 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.
4. Apply anti-static wrist strap to remove any static.

## Cover

1. Loosen three slotted screws from rear of unit.
2. Pull cover forward and up while holding face plate.
3. All systems related parts can now be removed.

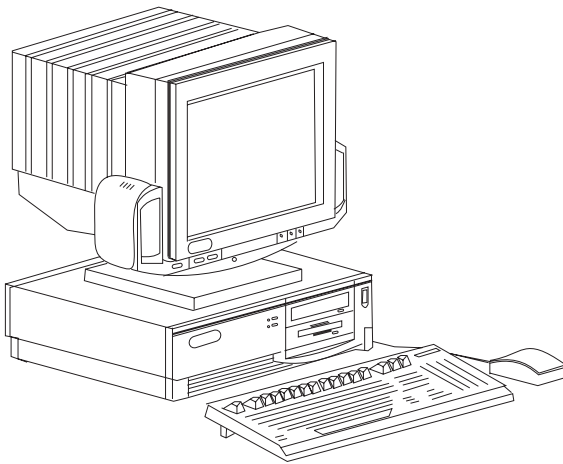
## System Board Configuration Jumpers

Jumper	Setting	Description
P1	1-2	25 Mhz Processor Clock
	2-3	33 Mhz Processor Clock*
P2	1-2	Secure CMOS (586 Only)
	Open	Remove to clear password
P3	1-2	L1 cache write through*
	2-3	L1 cache write back (586)
P4	1-2	DX4-core at 2.5x clock speed
	2-3	DX4-core at 2x clock speed
	3-4	DX4-core at 3x clock speed
P5	1-2	Secure CMOS*
	Open	Remove to clear password

\* Default Settings

## System Board Processor Jumpers

Processor Type	25/33 Mhz	Cache type	DX4 Core
	P1	P3	P4
486DX/25	1-2	1-2	3-4
486DX/33	2-3	1-2	3-4
486SX2/50	1-2	1-2	3-4
Overdrive 50	1-2	1-2	3-4
486DX2/50	1-2	1-2	3-4
486SX2/66	2-3	1-2	3-4
Overdrive 66	2-3	1-2	3-4
486DX2/66	2-3	2-3	3-4
DX4/75	1-2	1-2	3-4
DX4/100	2-3	1-2	3-4



## Presario 700 Family

## Specifications

### Processor

- 486 SX2/66

### Memory

- 4MB standard, expands to 100MB

### I/O Expansion Slots

- Two 16-bit slots

### Storage

- One 3.5" 1.44 diskette drive
- 420 MB hard drive

### Removable Media

- None

### Integrated Features

- Serial
- Parallel (IEEE 1284, EPP,ECP)
- Pointing device port (PS/2)
- 16-bit sound system
- Cirrus 5434 video w/ 1 MB memory
- 3 - 72 pin Simm Sockets

### Internal Expansion Bays

- Feature slot for fax/modem
- 3 16 bit ISA expansion slots
- Two External half height bays
- One internal third height bay

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

- Local Bus graphics
- Compaq Flexible Advanced Syst. Architecture

### Power Supply

- 145 Watt

### Diagnostics

- Normal Post Diags performed on Power UP
- For Advanced Diags use QAPlus/FE.
- Trouble shoot according to errors in test.

### CMOS Access

- QAPlus/FE.
- F10 when cursor in upper right on power-up

## Field Replacement Units

Diskette Drives	OEM Part	IBM Part
3.5" Diskette Drive (1.44 Meg)	160788-201	20H8523
5.25" Diskette Drive (1.2 Meg)	141367-201	37H0841

Internal Hard Drives	I-Leave	OEM Part	IBM Part
270 MB, IDE <sup>Note: 2,6</sup>	1:1	171011-001	22H5113
420 MB, IDE <sup>Note: 1</sup>	1:1	172193-001	22H5114
420 MB, IDE <sup>Note: 3,6</sup>	1:1	172780-001	37H0837
525 MB, IDE <sup>Note: 1,6</sup>	1:1	171012-001	22H5140
540 MB, IDE <sup>Note: 4</sup>	1:1	188666-001	37H0838
725 MB, IDE <sup>Note: 5,6</sup>	1:1	172842-001	37H0839
550 MB Fast SCSI-2	1:1	142038-001	67H9436
1.0 GB Fast SCSI-2	1:1	142039-001	06J2187

Notes: 1 - Presario 720, CDS-720, 724, CDTV-720  
 2 - Presario 720  
 3 - Presario CDS-742, 744, 772, 774, CDTV-720  
 4 - Presario CDS 772, CDTV 748  
 5 - Presario CDS 774  
 6 - "Hard drive select" cable required

CD Rom Drives	Assembly	OEM Part	IBM Part
IDE, 2 Speed		172159-001	22H5115
IDE, 4 Speed	172854-001	172864-001	52H7084

\* Configuration code HQQ2. \*\* Configuration code HQS2

Miscellaneous Items	OEM Part	IBM Part
Compaq Mouse	141189-002	61H9036
Battery, Real Time (External)	160274-001	20H8456
120/250 MB Tape drive (Comp)	197490-001	20H8465
340/680 MB Tape drive (Comp)	187658-001	37H0844
Power Supply <sup>Note: 1</sup>	172434-001	06J4439
Power Supply <sup>Note: 2</sup>	172765-001	55H1831

Notes: 1 - Presario 720, CDS-720, 724, 742, 744, CDTV-720, 748  
 2 - Presario CDS 762, 772, 774

Memory	Assembly	OEM Part	IBM Part
32 M-70ns <sup>Note 1</sup>	160019-006	177123-001	22H5110
16 M-70ns <sup>Note 1</sup>	160019-005	177122-001	22H5109
8 M-70ns <sup>Note 1</sup>	160019-004	160034-001	22H5108
4 M-70ns <sup>Note 1</sup>	160019-003	160033-001	22H5107
128K Cache	004129-001	171085-001	22H5133
1 MB Video Mem	004120-001	171044-001	22H5134
32 M-70ns,np <sup>Note 2</sup>	172707-005	172939-001	37H0849
16 M-70ns,np <sup>Note 2</sup>	172707-004	172938-001	37H0848
8 M-70ns,np <sup>Note 2</sup>	172707-003	172719-001	37H0847
4 M-70ns,np <sup>Note 2</sup>	172707-002	172718-001	37H0846

Notes: 1 - 486 Systems, SIMMs with gold contacts  
 2 - 586 Systems, SIMMs with lead/tin contacts

Processors	Systems	OEM Part	IBM Part
486DX2/66/90	CDS 724, 742, 744 CDTV 748	171752-001	22H5131
486SX2/66	720, CDS 720 CDTV 720	189388-001	22H5132
P5/60	CDS 762	148289-001	55H1761
P54C/75	CDS 772,774	172760-003	37H0857

Cables	Model	OEM Part	IBM Part
Diskette data cable	All	172797-001	52H7540
CD External Audio	Opt.	176866-001	66H7697
CD Internal Audio	CDS/CDTV	171109-001	13J4061

### System ROMs

Models	Brd Assembly	OEM Part	IBM Part
586 Models	ROMPaq	148218-001	53H1484

### Modem ROM

Models	Assembly	OEM Part	IBM Part
U.S - 486	003993-001	176501-001	22H5144