



Compaq Prosignia VS

Specifications

Processor

- Intel 486DX/33, 486SX/33, 486DX2/66

Memory

- 8MB standard, expands to 128MB

I/O Expansion Slots

- Seven total slots-8/16/32-bit EISA bus master slots.

Diskette Drive

- One 3.5" 1.44 diskette drive.

Integrated Features

- Two serial.
- Parallel.
- Pointing device port.
- 32-bit Fast SCSI-2 network.
- Integrated graphics 1024x768.
- 387 Coprocessor.

Internal Expansion Bays

- Supports up to eight mass storage devices.

I/O Architecture (Bus's supported)

- 32-bit EISA

Power Supply

- 240 watt

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

- Torx T-15 screwdriver.
- Ethernet loop back plug.
- EISA configuration software.
- Diagnostics and formatted blank diskettes.
- Drive Array advanced diagnostics software.
- Anti-static wrist strap.

Switch Settings

SW1 Settings

(System Boards 003513, 003535, 003742, 003694)

Processor	SW	Position
486SX/33	S1,S2,S3	ON,OFF,OFF
486DX/33	S1,S2,S3	ON,OFF,ON
486DX2/66 Overdrive	S1,S2,S3	OFF,ON,ON

SW2 Settings

(System Boards 003513,003537,003535,003742,003694)

SW	Position	Function
S1	OFF *	Turns on integrated video
	ON	Turns off integrated video
S2	OFF *	Unlocks system configuration
	ON	Locks system configuration
S3	OFF *	Reserved
S4	OFF *	Dskt. drv. boot drv EISA config.
	ON	Dskt. drv. boot, not EISA config.
S5	OFF *	Turns off password
	ON	Turns on password
S6	OFF *	Turns off NV RAM
	ON	Turns on NV RAM

* Default

Jumper Settings For SCSI ID

Device Bay #	SCSI ID	ID2	ID1	ID0
3	3	OFF	ON	ON
2	2	OFF	ON	OFF
1	1	OFF	OFF	ON
0	0	OFF	OFF	OFF

* Note no two SCSI devices can have the same address.

Removal Procedures

Before beginning removal complete the following:

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

System Cover

1. Loosen three thumb screws on back.
2. Slide side access door back and then out.
3. Remove front bezel holding screw, there's only one.
4. Unscrew four Torx T-15 screws at back panel.
5. Slide system unit cover backward then up.

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

Field Replaceable Units

Memory

Description	Assembly	OEM Part	IBM Part
4MB 80ns mod.	115665-002	118741-001	93F7237
8MB 80ns mod.	129041-001	128954-001	93F7238
16MB 80ns mod.	137143-002	139143-001	90G7880
32MB 80ns mod.	139973-001	139949-001	20H8554
4MB 70ns mod.	118665-004	141754-001	20H6294
8MB 70ns mod.	129041-002	141755-001	90G7098
16MB 70ns mod.	137143-003	149947-001	90G7101
32MB 70ns mod.	139973-002	149948-001	20H8476
256K Cache		194380-001	20H8593

MicroProcessors

Description	OEM Part	IBM Part
486DX/33 processor only	194495-001	22H5127
486DX2/66 processor only	197422-001	87H2325

Controller Boards

Description	Assembly	OEM Part	IBM Part
SMART cntrlr. bd.	002969	142130-001	20H8547
SMART cntrlr. bd.	003596	181132-001	20H8736
Fast SCSI-2	002682	142040-001	90G6451
NetFlex-2 TR	003647	199521-001	20H8538
NetFlex-2 Dual ENET		142151-001	20H8567
NetFlex-2 ENET/TR		142222-001	20H8566

Tape Drives

Description	OEM Part	IBM Part
5.0GB DAT w/ compression	142074-001	20H8559
525MB ACA	142073-001	90G6447
4/16GB TurboDat	199464-001	20H8549
Internal TurboDat Autoloader	199466-001	20H8551

Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
535MB Fast-SCSI-2	N/A	N/A	137730-001	20H8550
1.05GB Fast SCSI-2	N/A	N/A	142039-001	90G6448
2.1GB Fast SCSI-2	N/A	N/A	142272-001	20H8577

Hard Drive Array Pairs

Description	Pairs	OEM Part	IBM Part
Array size	210MB/420MB	116805-001	93F8182
	340MB/680MB	139964-001	20H8552
	510MB/1.02GB	139965-001	20H8553

System Boards

Description	Assmby	OEM Part	IBM Part
486DX/33, SCSI, ENET	003513	199124-001	20H8535
486DX2/66, SCSI, ENET	003537	199125-001	20H8533
486SX/33, SCSI, ENET	003535	199126-001	20H8537
486DX/33, SCSI, TR	003742	199172-001	20H8536
486DX2, SCSI, TR	003694	199120-001	20H8534

Diskette Drives

Description	OEM Part	IBM Part
1.44MB	197006-001	20H8466
1.2MB	112566-001	93F7252
Bezel, 1/3 ht	116791-001	22H0681

Miscellaneous

Description	Assmby	OEM Part	IBM Part
Speedpaq 144/l	003002	147453-001	55H1777
Cache bracket		199135-001	20H8544
Power 200 watt		197416-001	20H8477
Battery		160274-001	20H8456

CD-ROM Drives

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

Cables

Description	OEM Part	IBM Part
LED	197832-001	66H7816
Internal SCSI HD	194488-001	52H4461
Diskette cable 2 mode	194489-001	66H7809
Diskette cable 3 mode	160788-001	20H8523
External SCSI signal (6')	146776-001	22H0168
External 100-pin to 50-pin	142159-001	20H8724
Loopback cable (2ch NIC)	142254-001	20H8725
Loopback cable (NetFlex)	142054-001	55H1088
2-channel Ethernet Y	197134-001	20H8727

System ROM

Description	OEM Part	IBM Part
ROMPaq	143198-001	20H8731
Option ROMPaq	142207-001	37H1204