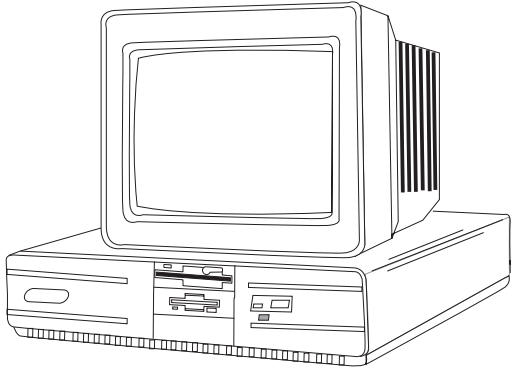


Compaq Deskpro 486/25



Compaq Deskpro 486/25

Specifications

Processor

- Intel 25MHz, 80486

Memory

- 4 MB standard, expands to 100 MB

I/O Expansion Slots

- 8- total expansion slots: 1-32-bit high speed memory slot, 7-8-/16-/32-bit EISA slots

Diskette Drive

- 1-5.25" 1.2 MB diskette drive

Integrated Features

- Integrated video graphics system, VGA pass through, parallel port, 2- serial ports, pointing device interface, enhanced keyboard, integrated 387-compatible processor, integrated cache memory controller

Internal Expansion Bays

- 7-mass storage device positions

I/O Architecture (Bus's supported)

- Extended Industry Standard Architecture - (EISA)

Power Supply

- 300 watt power supply

Diagnostics

- Normal Post Diags performed on Power UP of system.
- For Advanced Diags use Diskette v.3.0
- Troubleshoot according to errors found during test

Tools And Software Requirements

- Flat bladed and Torx T-15
- Needle nose pliers
- 25-pin printer loopback plug
- 9-pin serial loopback plug
- Compaq Advanced Diagnostics
- Compaq EISA Configuration utility
- Formatted blank diskettes
- Anti-static wrist strap

Switch Settings

System Board (Assembly 001532) Jumper Settings

Jumper	Position	Function
E1	2-3*	standard configuration
E1	1-2	maintenance configuration
E2	2-3*	turns on power-on password
E2	1-2	turns off power-on password
E3	2-3*	turns on integrated VGA
E3	1-2	turns off integrated VGA

* 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

1. How to remove the cover
2. Remove two screws from back of system unit
3. Unlock security lock
4. Pull the cover forward until the drive is exposed, then lift up.

Field Replaceable Units

Memory Boards/Modules

Description	Assembly	OEM Part	IBM Part
4MB 32-bit sys mem	001508	120549-001	93F7386
2MB sngl sckt mod	001250	115184-001	93F7218
8MB sngl sckt mod	001361	116800-001	93F7097
8MB dual sckt mod	001364	116801-001	93F7096
32MB dual sckt mod	001367	116802-001	93F7095

Controller Boards

Description	Assembly	OEM Part	IBM Part
Tape adapt.	000774	113259-001	93F7104
32-bit Intel. dr. array	001373	116807-001	93F7093
	002037		
SCSI Opt Adapt bd	001379	116809-001	93F7092
15MHz ESDI cntrlr	001628	121667-001	93F8112
32-bit dual spd TR	114564-001	120615-001	93F8219
Enh 32-bit dual spd	114564-002	120662-001	93F8253
Token Ring cntrlr			
SCSI cmprssn adp	001846	122185-001	93F8220
Adv ESDI Cntrlr Bd.	WD1009	122370-001	93F7223

Video Boards

Description	Assembly	OEM Part	IBM Part
Adv Grph 1024	109958	114201-001	93F7103
Adv Grph Mem	109959	114202-001	93F7102
QVision 1024/E	001924	126654-001	93F8348

Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
120MB	50	091689	136918-001	20H8589
210MB	51	091689	124013-001	93F7865
320MB	28	091689	115182-001	93F7867
650MB	49**	091689	115181-001	93F7870

HD Exp. Unit cntrlr assembly: 001628

** Used internally in HD expansion unit, drive type 49 with MS DOS 3.3 or later, 42 with OS/2 and 41 with SCO

Hard Drive Array Pairs

Size	Array	ROM	Cntrlr	OEM Part	IBM Part
120MB	240MB	091689	001373 002037	116806-001	93F8181
210MB	420MB	091689	001373	116805-001	93F8182

System Boards	Assembly	OEM Part	IBM Part
486	001532	120548-001	93F7387

Diskette Drives	OEM Part	IBM Part
360KB	112567-001	93F7106
1.2	112566-001	93F7252
1.44MB*	112565-001	93F7107

* Uses MS DOS v.3.31 rev. A if used as drive B and MS DOS v.3.31 rev. B if used as drive A

Tape Drives	OEM Part	IBM Part
80/120MB (1/2ht) w/ cmprssn	122087-001	93F8246
80/120MB (1/3ht) w/ cmprssn	131337-001	93F8241
120/250MB (1/2ht) w/ cmprssn	197490-001	20H8465
150/250MB	115220-001	93F7891
350/525MB	116804-001	93F7885
1.3-/2.0-GB DAT	131149-001	93F8347

Miscellaneous	Assembly	OEM Part	IBM Part
Serial/Parallel Inter.	000570	106886-001	93F7110
Serial/Parallel Inter.	000990	106886-001	93F7110
9600/2400 fax mdm		197458-001	20H8475
Server manager/R	001897	125726-001	93F8826
Power Supply		115189-001	93F7175
Battery/clock		107872-001	93F7109

Cables	Function	OEM Part	IBM Part
Dsktte Power	dual dsktte	120592-001	93F7202
Dsktte/Tape	dsktte locations	120593-001	93F7203
Signal	Drvs A&B 80/120 TBU		
Mass Storage	All HDs	120591-001	93F7228
Power	1.3/2GB TBU		
HD/Tape Pwr	HDs/TBUs	120590-001	90G6090
HD Signal	Dual 120MB HDs	120589-001	55H1090
HD Power	Dual HDs	120588-001	93F7212
ESDI HD Sig	320MB HD (34-pins)	120587-001	93F7221
ESDI HD Sig	650MB HD (20 pins)	120586-001	93F7222
HD Power	drv array pair (10-inch)	116936-001	93F7087
HD signal	drv array pair (7.75-inch)	116942-001	93F7084
HD Power	drv array pair (20-inch)	116935-001	93F7210
HD signal	drv. array pair (10-inch)	116938-001	93F7208
L3/L4 front			
HD Signal	drv array pair (11-inch)	116937-001	93F7086
L3/L4 rear			
Tape power	320/525MB Tape	116932-001	93F7089
tape signal	320/525MB tape 1.3/2GB tape (24-inch)	116933-001	93F7088
Tape intrfce	150/250MB tape (24-inch)	116931-001	93F7090
VGA Passthru	advanced grphcs	114229-001	93F7142

Processor/Coprocessor Locations

System	Location
486/25	U10
Weitek 4167	U12

System ROM Location

U115	ODD
U131	Even

System ROM Revisions (116797-001 IBM P/N 48H5662)

Revision	Number on ROM ODD/EVEN
091686	116689-001/116687-001
101189	116686-003/116687-003
101989	116686-004/116687-004
112989	119863-002/119864-002
120689	119863-003/119864-003
020990	123151-001/123152-001
080190	122035-001/122036-001
101590	122035-002/122036-002
032291	126865-001/126866-001
040491	126865-002/126866-002
092391	126864-004/126866-004