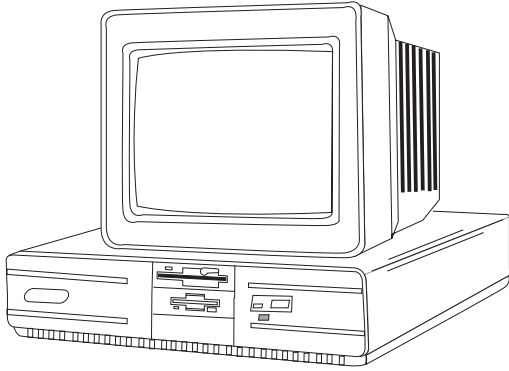


Compaq Deskpro 486/33L



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Specifications

Processor

- Intel 33MHz, 80486

Memory

- 4 MB standard, expands to 100 MB

I/O Expansion Slots

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

Diskette Drive

- 1-3.5" 1.44 MB diskette drive

Integrated Features

- 16-bit integrated VGA with graphics accelerator, 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
- Compaq Advanced Diagnostics
- Option Configuration diskettes
- Compaq EISA Configuration utility
- Formatted blank diskettes
- Anti-static wrist strap

Switch Settings

System Board (Assembly 001632) Jumper Settings

Jumper	Position	Function
E1	2-3*	standard configuration
E1	1-2	erases 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
32-bit 6-socket bd.	001376	116803-001	93F7094
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
32-bit dual spd TR	114564-001	120615-001	93F8219
Enh 32-bit dual spd TR cntrlr	114564-002	120662-001	93F8253
SCSI cmprsn 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

System Boards	Assembly	OEM Part	IBM Part
Sys bd I/O	001632	122368-001	93F7235
486/33	001484	122367-001	93F7384

Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
120MB	50	080190	136918-001	20H8589
210MB	51	080190	124013-001	93F7865
320MB	28	080190	115182-001	93F1867
340MB	63	081491	194525-001	20H8617
650MB	49**	080190	115181-001	93F7870

HD Exp. Unit cntrlr assembly: WD1009

** 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	080190	001373 002073	116806-001	93F8181
210MB	420MB	080190	002037	116805-001	93F8182

Diskette Drives

	OEM Part	IBM Part
360KB	112567-001	93F7106
1.2	112566-001	93F7252
1.44MB*	122392-001	93F7278

* 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		122386-001	93F7232
Battery/clock		107872-001	93F7109

Cables	Function	OEM Part	IBM Part
Dsktte Power	dsktte locations	122430-001	93F7220
	Drives A & B		
Dsktte/Tape Signal	dsktte locations	120593-001	93F7203
	Drvs A&B 80/120 TBU		
Dsktte Power Signal	Dual 3.5" drv	122158-001	93F7277
Mass Storage Power	Single HD/TBU	122429-001	93F7204
HD signal	single HD	119510-001	93F7082
HD signal	ESDI HD (20 pin)	120586-001	93F7222
HD signal	ESDI HD (34 pin)	120587-001	93F7221
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 L3/L4 front	drv. array pair (10-inch)	116938-001	93F7208
HD Signal L3/L4 rear	drv array pair (11-inch)	116937-001	93F7086
Tape power	320/525MB Tape	116932-001	93F7089
Tape power	1.3/2GB tape	120591-001	93F7228
Tape signal	320/525MB tape 1.3/2GB tape (24-inch)	116933-001	93F7088
Tape signal	150/250MB tape (24-inch)	116931-001	93F7090
VGA Passthru	advanced grphcs	122374-001	93F7224

Processor/Coprocessor Locations

System	Board	Coprocessor	Location
486/33	01484	Weitek 4167-33	U36

System ROM Location

U77

System ROM Revisions (128128-001 IBM P/N 48H6054)

Revision	Number on ROM
080190	122470-001
101590	122470-002
040491	122470-003
081491	128119-006
092391	128119-007
033092	128119-008
072192	136414-001
051793	144049-001
060295	144049-002