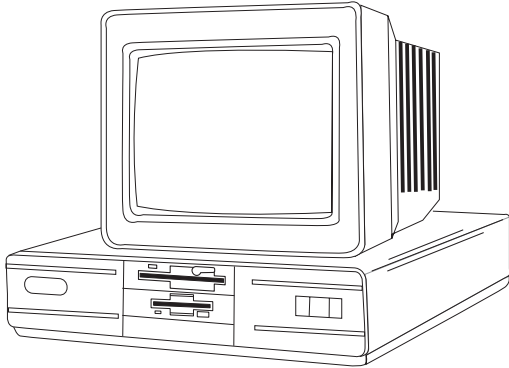


Compaq Deskpro 386/33



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Specifications

Processor

- Intel 33MHz, 80386

Memory

- 4 MB standard, expands to 16MB

I/O Expansion Slots

- 6 - Available expansion slots (5-8/16 bit, 1-8 bit)
- 1-32-bit high speed memory slot

Diskette Drive

- 1-5.25" 1.2MB diskette drive

Integrated Features

- 16-bit integrated VGC, VGA pass-through, socket for 33MHz Intel 387 coprocessor, parallel port, serial port, pointing device interface, enhanced keyboard.

Internal Expansion Bays

- 5 storage device positions

I/O Architecture (Buses supported)

- Industry Standard Architecture - ISA

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 and 9 pin loopback plugs
- Universal coprocessor removal tool
- Compaq Advanced Diagnostics
- Formatted blank diskettes
- Anti-static wrist strap

Switch Settings

System Board (Assembly 001184)

SW1 Settings

SW1	Position	Function
SW-1	ON*	Turns on integrated VGA
	OFF	Turns off integrated VGA
SW-2	ON*	Turns on power-on password
	OFF	Turns off power-on password

* 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
2MB 32-bit mem bd	001286	115187-001	93F7168
2MB sngl sockt mod	001250	115184-001	93F7218

Controller Boards

Description	Assembly	OEM Part	IBM Part
Tape adapt.	000774	113259-001	93F7104
15MHz ESDI cntrlr bd	001283	121667-001	93F8112
	001628		
SCSI Opt Adapt bd	001379	116809-001	93F7092
ESDI Dsktte cntrlr bd	001472	115374-001	93F7164
Dsktte Cntrlr Bd	001475	115373-001	93F7163
SCSI cmprssn adp bd	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/I	002163	126655-001	93F8109

Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
100MB	45	B.2	142365-001	20H8119
120MB	50	C.2	136918-001	20H8589
210MB	51	C.2	124013-001	93F7865
340MB*	28	B.2	194525-001	20H8617
cntrlr assembly: 001283,001628,WD1009				
650MB	49**	B.2	115181-001	93F7870
HD Exp. Unit (300MB/650MB)				
cntrlr assembly: 001472,001628,WD1009				

- * formats to 325MB, has IDE hard drive interface
 ** Used internally in HD expansion unit, drive type 49 with MS DOS 3.3 or later, 42 with OS/2 and 41 with SCO

System Boards	Assembly	OEM Part	IBM Part
386	001184-001	115190-001	93F7106
386	001184-002*	115477-001	93F9252
*Has integrated diskette controller on system board Socket U50.			

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
40/60MB (1/2ht) w/ compression	112524-001	93F7889
60MB (1/3ht) w/ compression	131338-001	93F8240
80/120MB (1/2ht) w/ cmprssn	122087-001	93F8246
80/120MB (1/3ht) w/ cmprssn	131337-001	93F8241
135MB (black)	113218-001	48H9792
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
Power Supply		115189-001	93F7175
Battery		107872-001	93F7109

Cables	Function	OEM Part	IBM Part
ESDI/dsktte/ tape signal	all ESDI/dsktte 80/120: 40/60 TBUs	115376-001	93F7893
ESDI/dsktte signal	ESDI/dsktte	115375-001	93F7174
Tape signal	135,150/250TBUs	115196-001	93F7170
Tape signal	320/525 and 1.3/2 GIG TBUs	116933-001	93F7088
Mass Storage Power	single HD	115215-001	93F7171
Mass storage Power	single dsktte, TBU	120591-001	93F7228
Mass Storage Power	dual dsktte, TBU	120592-001	93F7202
Mass Storage Power	dual HD	112669-005	66H6073
HD Signal	dual HD	115195-002	93F9253
HD Signal	300,320,650 HD single (20-pin)	100625-006	93F7293
HD Signal	300,320,650 HD single (34-pin)	115197-001	93F7169
HD Signal	300,320,650 HD dual (20-pin)	100625-005	55H1063
HD Signal	300,320,650 HD dual (34-pin)	115811-001	93F8766
HD Signal	84,110,120,210 HD	115195-001	93F7172
Ext. I/O	Expansion Unit	115810-001	93F7161
VGA Passthru	advanced grphcs	114229-001	93F7142

Processor/Coprocessor Locations

System Board	(386-33)	(387-33)	(Weitek 3167-33)
	U7	U39	U8

System ROM Location

U5	Odd
U16	Even

System ROM Revisions

(115290-001 IBM P/N 93F7166)

Revision	Number on ROM(ODD/EVEN)
B.2	115305-003/1 15306-003
C.0	115305-004/1 15306-004
C.2	115305-005/1 15306-005