



Compaq Deskpro 386s/20

## Specifications

### Processor

- Intel 20 MHz 80386SX

### Memory

- 2 MB standard, expands to 16MB

### I/O Expansion Slots

- 4- industry standard expansion slots 8-/16-bit

### Diskette Drive

- 1-3.5" 1.44MB diskette drive

### Integrated Features

- Integrated video graphics system (132 column support), parallel, serial, pointing device, and keyboard interfaces

### Internal Expansion Bays

- 5-mass storage device positions

### I/O Architecture (Buses supported)

- Industry Standard Architecture - ISA

### Power Supply

- 140 watt power supply w/ automatic line switching

### 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 screwdriver or Torx T-15
- Needle nose pliers
- 25 pin and 9 pin loopback plugs
- Diagnostics and formatted blank diskettes
- Anti-static wrist strap

## Switch Settings

### System Board(002040)

SW	Position	Status	Function
SW-1	ON*	Enable	Turns on integrated video
	OFF	Disable	Turns off integrated VGA
SW-2	ON*	Enable	Turns on setup
	OFF	Disable	Turns off setup
SW-3	ON*	Enable	Turns on external boot
	OFF	Disable	Turns off external boot
SW-4	ON*	Enable	Turns on power-on password
	OFF	Disable	Turns off power-on password
SW-5	ON		Reserved
SW-6	ON*	Enable	Turns on write diskette feature
	OFF	Disable	Turns off write diskette feature

\* Default

### System Board(001421)

SW	Position	Status	Function
SW-1	ON*	Enable	Turns on integrated VGA
	OFF	Disable	Turns off integrated VGA
SW-2	ON*	Enable	Turns on pwr-up psswr
	OFF	Disable	Turns off pwr-up psswr

\* 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 three screws from the back of the system unit.
3. Lift case and slide from the front of the system.

## Field Replaceable Units

Memory	Assembly	OEM Part	IBM Part
1MB	118666	118740-001	93F7236
2MB	118667	113923-001	93F7280
4MB	137930	137965-001	52H6948

### Controller Boards

Description	Assembly	OEM Part	IBM Part
Tape adapter	000774	113259-001	93F7104
15 MHz ESDI	001628	121667-001	93F8112
Advanced ESDI	WD1009	122370-001	93F7223

### Video Boards

Description	Assembly	OEM Part	IBM Part
Adv. Gph 1024	109958	114201-001	93F7103
Adv Gph Mem	109959	114202-001	93F7102
VGA Pass thru*	001430	114241-001	93F7162
QVision 1024/I	002163	126655-001	93F8109

\* Req'd f/ Adv. Gph. Mon. to show norm & hi-res video

### Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
100MB	45	042590	142365-001	20H8119
120MB	50	042590	136918-001	20H8589
210MB	51	042590	124013-001	93F7865
340mb	63	101791	194525-001	20H8617
	28*	042590	115182-001	93F7867

\* Formats to 325MB

System Bds	Assembly	OEM Part	IBM Part
386SX Sys. Bd.	001421	122131-001	93F7282
386SX w/ 256 VGA	002040	126531-001	93F9240

Diskette Drives	OEM Part	IBM Part
360KB	112567-001	93F7106
1.2 (5.25" third height)	112566-001	93F7252
1.44MB*	112565-001	93F7107

\* Requires MS-DOS 3.31 rev. A if installed as drive B, and MS-DOS 3.31 rev. B if installed as drive A

Tape Drives	OEM Part	IBM Part
40/60MB w/ compression	112524-001	93F7889
60MB w/ compression	131338-001	93F8240
80/120MB w/ compression	122087-001	93F8246
120/250MB	131337-001	93F8241
150/250MB	115220-001	93F7891

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		112570-001	93F7153
Battery/clock		107872-001	93F7109

Cables	Function	OEM Part	IBM Part
Disk/Tape sig	all disks, 40/60 & 80/120 tbu	113594-001	93F7251
Disk sig/pwr	1.44mb disk	122158-001	93F7277
Mass Sto Pwr	disk/tbu	122157-001	93F9242
Mass Sto Pwr	single HD	122156-001	93F7266
Mass Sto Pwr	dual HD	101741-004	93F7148
Tape Sig	150/250MB tbu	113198-002	93F8256
HD Sig.	HD "C"	124006-001	93F9241
HD Sig.	HD "D"	112528-001	93F7248
Ext. I/O	Expansion Unit	130844-001	66H6622
Telephone	modem	112666-001	20H8333
VGA Passthru	adv.graphics	114229-001	93F7142

### Processor/Co-Processor Locations

U26	(386SX20)
U115	(386SX20)

### System ROM Location (001421, 002040)

U100

### System ROM Revisions

(122171-001, IBM P/N 93F7279)

System board assemblies 000935, 001196, 001316, 001625, 001906-001)

Revision	ROM#
042590	122134-003
081390	122134-004
031291	126523-003
041591	126523-004
110691	126523-005