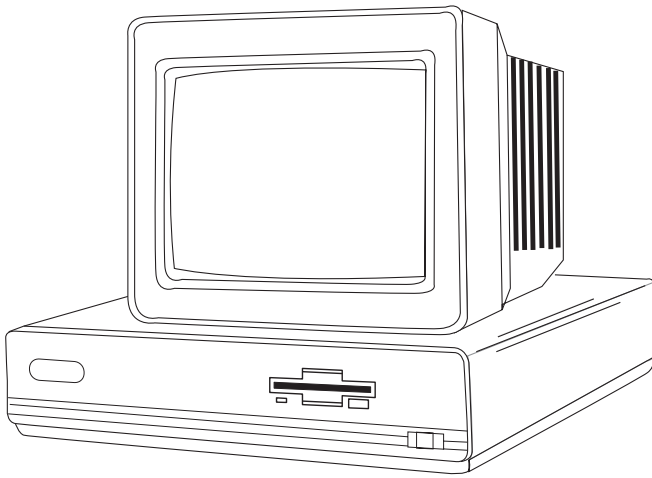


# Compaq Deskpro 286N



Compaq Deskpro 286N

## Specifications

### Processor

- Intel 12 MHz 286

### Memory

- 1 MB standard, expands to 13MB

### I/O Expansion Slots

- 2- industry standard expansion slots, 1-high speed memory expansion slot

### Diskette Drive

- 1-3.5" 1.44MB diskette drive

### Integrated Features

- Integrated video graphics system, parallel, serial, pointing device, and keyboard interfaces, ROM resident setup utility for networking

### Internal Expansion Bays

- 2-mass storage device positions

### I/O Architecture (Buses supported)

- Industry Standard Architecture - ISA

### Power Supply

- 90 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

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		8MHz 80287 installed/not installed
	OFF		12 MHz 80C287 installed
SW-6	ON	Enable	Turns on write diskette feature
	OFF	Disable	Turns off write diskette feature

\*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 back of system.
3. Pull the cover towards the front of the system to slide off.

## Field Replaceable Units

Memory	Assembly	OEM Part	IBM Part
Mem.Exp.Bd.	001457	118739-001	93F7178
4MB Mem.Mod.	137930-001	137965-001	52H6948
	137930-002		
1MB Mem.Mod.	118666-001	113911-001	93F7199

### Internal Hard Drive

Size	Type	ROM	OEM Part	IBM Part
120MB	50	032690	113960-001	93F9257

System Bds	Assembly	OEM Part	IBM Part
80286 Sys. Bd.	001448	118738-001	93F7321

Tape Drives	OEM Part	IBM Part
150-250MB Tape Drive	132842-001	48H6224

Diskette Drives	OEM Part	IBM Part
1.44	113958-001	93F7187
1.2	112566-001	93F7252

<b>Miscellaneous</b>	<b>Assembly</b>	<b>OEM Part</b>	<b>IBM Part</b>
Serial/Parallel Inter.	000570	106886-001	93F7110
Serial/Parallel Inter.	000990	106886-001	93F7110
backplane board	001451	118742-001	93F7200
9600/2400 fax mdm		197458-001	20H8475
Power supply		118743-001	93F7198
Battery/clock mod.		107872-001	93F7109

<b>Cables</b>	<b>Function</b>	<b>OEM Part</b>	<b>IBM Part</b>
Disk. signal	1.2mb disk	113938-001	93F7181
Disk pwr	1.2 disk/HD	113939-001	93F7180
Disk SIG/pwr	1.44 disk	113930-001	93F7340
Mass stor.HD	all h.d.	113927-001	93F7183
Mass stor. SIG	all h.d.	113928-001	93F7184
Serial diag	remote unit	118773-001	93F7188

<b>Fan Jumper</b>	<b>Function</b>
E1-1 to E1-2	Full
E1-2 to E1-3	Auto

<b>Processor/Coprocessor</b>	<b>Function</b>
Prccsr (80286-12)	can't replace
Coprcsr (80287-8 or 80C287-12)	U60

<b>ROM</b>	<b>Location</b>
System ROM	U81

**System ROM Revisions  
(P/N 118756-001 IBM P/N 93F7309)**

<b>Revision</b>	<b># on ROM</b>
032690	118717-002
040590	118717-003
04290	118717-004
05390	118717-005
080290	118717-006
031991	118717-007