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extracted from the:

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*COMPAQ SERVICE  
QUICK REFERENCE GUIDE*

# DESKPRO

## COMPAQ DESKPRO

### BOARD COMPATIBILITY LIST

<u>Product</u>	<u>Assy No.</u>	<u>Spare Part No.</u>	<u>Page</u>
<b>SYSTEM BOARDS</b>			
8086 System	000058	101339-001	63
8086 System	000315	105191-001	63
8086 System	000364	106374-001	63
<b>MEMORY CHIPS</b>			
64 X 1 (150 ns) DRAM		105152-001	X
64 X 4 (150 ns) DRAM		106330-001	X
256 X 1 (150 ns) DRAM		105151-001	X
<b>CONTROLLER BOARDS</b>			
Fixed Disk Cntrl	WD1002SWX2	101672-001	63
Fixed Disk Cntrl	WD1002WX2/ WD1002HX4	101672-001	63
Diskette/Printer	000043	101341-001	X
Diskette/Printer	000181-011	101341-001	A-2
<b>VIDEO BOARDS</b>			
Enh Color Graphics*	000410	106373-001	A-5
Enh Color Graphics*	000471	109196-001	A-5
VDU	000031/000160/ 000345	101340-001	A-5
VDU	000525	101340-001	A-7
VGC*	000806/001241/ 109360	109253-001	A-7
* ECG and VGC require system ROM H or later			
<b>MISCELLANEOUS</b>			
Async Comm/Clock	000061	101440-001	A-8
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000990	106888-001	A-9
2400-Baud Int Modem	001070	112693-001	X

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### FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
10 MB*	1	4:1	N	E	101437-001	WD1002SWX2 WD1002WX2 WD1002HX4
20 MB*	2	4:1	N	E	102777-001	WD1002SWX2 WD1002WX2 WD1002HX4
30 MB*	6	3:1	N	F	101664-001	WD1002SWX2 WD1002WX2 WD1002HX4

\* Drive types are set by switch settings on the fixed disk drive controller board or are hard wired depending on the fixed disk drive controller used.

### TAPE DRIVE

Drive Size	Spare Part No.	Tape Cartridge	Spare Part No.
10 MB	101438-001	10 MB (DC1000)	101488-001

### DISKETTE DRIVE

Size	Spare Part No.
360 KB	102928-001

### CABLE INFORMATION

Cable Function	Where Used	Spare Part No.	
Diskette/Tape Signal <sup>1</sup>	All Diskette Drives 10-MB Tape	101380-002	Y
Mass Storage Power <sup>1</sup>	All Diskette, Tape & Fixed Disk Drives	101137-001	
FDD Signal <sup>2</sup>	10- & 30-MB FDD	101601-001 101601-002	34 Pin 20 Pin
FDD Signal	20- & 30-MB FDD	100625-003 100625-004	34 Pin 20 Pin
FDD Signal	10-MB FDD (Connects C: & D:)	101554-001	34 Pin

<sup>1</sup> Part of kits 102934-001 & 108146-001

<sup>2</sup> Part of kits 100641-002 & 102934-001

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### BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000058, 000315, & 000364)

#### SW1 SETTINGS

1	2	3	4	5	6	7	8	Function
OFF								Reserved (always OFF)
	ON**							No coprocessor
	OFF							Coprocessor installed
		ON	OFF					128 KB memory
		OFF	OFF					256 KB memory
		OFF	ON					512 KB memory
		ON	ON					640 KB memory
				ON	ON			80 X 25 COMPAQ EGA, compatible EGA, VGA or RGBI primary. 3rd-party monochrome (MDA only) secondary.
				OFF	ON			40 X 25 COMPAQ VDU* primary. 3rd-party monochrome (MDA only) secondary.
				ON	OFF			80 X 25 COMPAQ VDU primary. 3rd-party monochrome (MDA only) secondary.
				OFF	OFF			3rd-party monochrome (MDA only) primary. RGBI secondary.
						ON	ON	One diskette drive
						OFF	ON	Two diskette drives
						ON	OFF	Three diskette drives
						OFF	OFF	Four diskette drives

\*With a revision F or later system ROM

\*\* Default

#### FIXED DISK DRIVE CONTROLLER BOARD (WD1002SWX2)

Drive	SW1 for Drive D		SW1 for Drive C	
	1	2	3	4
10 MB	OFF	OFF	OFF	OFF
20 MB	ON	OFF	ON	OFF
30 MB	ON	ON	ON	ON

#### FIXED DISK DRIVE CONTROLLER BOARD (WD1002WX2/HX4)\* \*\*

Drive	SW1 for Drive D		SW1 for Drive C	
	1	2	3	4
10 MB	ON	ON	ON	ON
20 MB	OFF	ON	OFF	ON
30 MB	OFF	OFF	OFF	OFF

\* Do not remove jumpers E17-E18

\*\* Earlier versions of this board have no switch settings and are fixed for 10MB.

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### PROCESSOR/COPROCESSOR LOCATIONS

PROCESSOR (8086-2)    COPROCESSOR (8087-2)

U52

U44

### SYSTEM ROM INFORMATION

SYSTEM ROM LOCATION: U21

SYSTEM ROM REVISIONS (Spare Part No. 100699-001)

<u>Revision</u>	<u>PN ON ROM</u>
E	100298-004
F	100298-005
G	105681-001
H	106265-001
J	106265-002

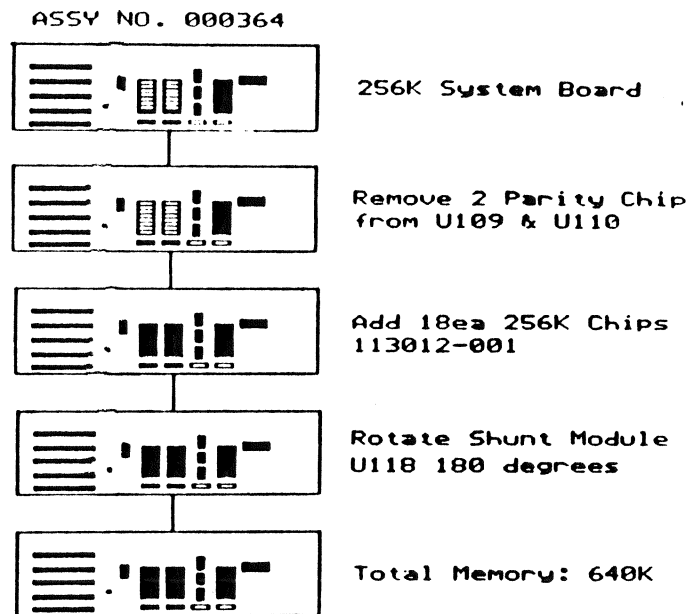
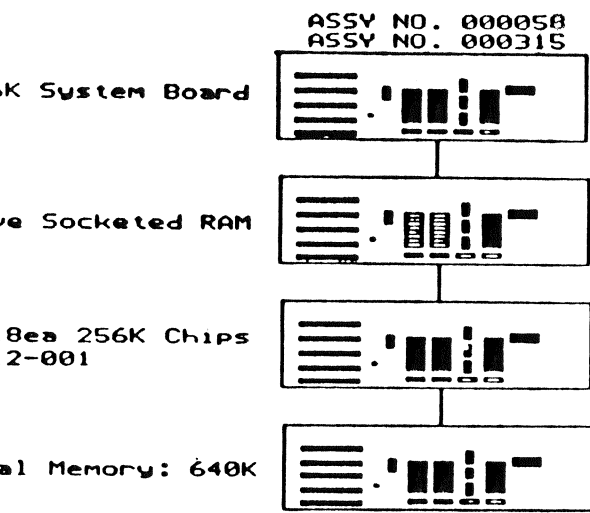
### POWER SUPPLY

Spare Part No. 102927-001

← USA  
JCC

### BATTERY

Spare Part No. 101260-001 (Mounted on the Async Clock/Comm Board)



**COMPAQ DESKPRO MEMORY UPGRADE CHART**