

DESKPRO 286e

System Boards	Assembly	Spare Part
80286 System	001226*	117469-001

* Discontinued effective February 28, 1996 (-001, 2, 3, 4, 5, 6, 7, 8)

System Board (001226) SW1 Switch Settings

1	2	3	4	5	6	Function
ON *	ON *					Base Memory 640 KB
ON	OFF					Base Memory 512 KB
OFF	OFF					Base Memory 256 KB
OFF	ON					Reserved
		OFF*				Option ROM disable
		ON				Option ROM enable
			OFF*			CPU boot speed 12 MHz
			ON			CPU boot speed 12 MHz except 8 MHz when accessing diskette drive
				OFF		Reserved
					ON *	EGA, RGBI or VGC
					OFF	Third-party monochrome (MDA only)

* Default.

System Board (001226) SW2 Switch Settings

1	2	3	4	5	6	7	8	Function
OFF*								Primary diskette and hard drive address select (3FX and 1FX)
ON								Secondary diskette and hard drive address select (37X and 17X)
	OFF*							Enable power-on password
	ON							Disable power-on password
		OFF*						Enable integrated hard drive controller
		ON						Disable integrated hard drive controller
			OFF*	OFF*				Serial interface COM1 (3FX, IRQ4)
			ON	OFF				Serial interface COM 2 (3FX, IRQ3)
			OFF	ON				Reserved
			ON	ON				Disable serial interface
					ON*	OFF*		Select printer interface LPT1 or LPT2 (3BX)
					OFF	ON		Select printer interface LPT2 (37X)
					OFF	OFF		Reserved
					ON	ON		Disable printer interface
							OFF*	Enable integrated VGC
							ON	Disable integrated VGC

* Default.

System Board (001226) Jumper Settings

Jumper	Setting	Function
E4	2-3 *	Enable pointing device interface
E4	1-2	Enable IRQ12 from bus, disable pointing device
E11	2-3*	12-MHz coprocessor
E11	1-2	8-MHz coprocessor

* Default.

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Memory	Assembly	Spare Part
4 MB Memory Module	000758, 000993 001166-001 001166-002	113226-001
1 MB Memory Module	000762 000981 001256 001259	113225-001
1 MB 16-Bit Memory Expansion Board	001244	117471-001*
4 MB 16-Bit Memory Expansion Board	001247	117470-001*

* Discontinued effective February 28, 1996

Controller Boards	Assembly	Spare Part
Tape Adapter Board *	000774	113259-001
ESDI External 300/600 Board *	001091	115839-001
15 MHz ESDI Controller Board *	001283	121667-001
15 MHz ESDI Controller Board *	001628	121667-001
ESDI/Diskette Controller Board *	001472	115374-001
Advanced ESDI Controller Board *	WD1009	122370-001

* See Volume 2 Appendix, Multiproduct Boards, for settings.

Video Boards	Assembly	Spare Part
Advanced Graphics 1024 Board **	109958	114201-001
Advanced Graphics Memory Board	109959	114202-001
VGA Pass-Through Board *	001430	114241-001

* Required for single-monitor configuration only if a 1-MB or 4-MB Memory Expansion Board is not installed.

** See Volume 2 Appendix, Multiproduct Boards, for settings.

Miscellaneous	Assembly	Spare Part
Serial/Parallel Interface Board *	000570	106886-001
Serial/Parallel Interface Board *	000990	106886-001
2400-Baud Internal Modem	001070	Not Available
9600/2400 Fax Modem **		197458-001

* See Volume 2 Appendix, Multiproduct Boards, for settings.

** See Volume 2 Appendix, Modem Configuration Information.

Hard Drives

Size	Type	Inter-leave	Inte-grated	Min ROM	Spare Part	Controller Assembly
20 MB	2	1:1	Y	B.3	Not Available	N/A
40 MB	22	1:1	Y	B.3	Not Available	N/A
40 MB	43	1:1	Y	B.3	Not Available	N/A
84 MB	27	1:1	Y	B.3	Not Available	N/A
100 MB	45	1:1	Y	B.3	142365-001 ¹	N/A
110 MB	33	1:1	Y	B.3	Not Available	N/A
120 MB	50	1:1	Y	C.3	136918-001 ¹ 111910-001 ²	N/A

Hard Drive Expansion Unit

001091
001283
001472
001628
WD1009

¹ Except Europe,

² Europe only,

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Tape Drives	Spare Part	Tape Cartridge	Spare Part
40/60 MB * (1/2 Height)	112524-001	40 MB (DC2000)	108142-001
60 MB * (1/3 Height)	131338-001	60 MB (DC2060)	122086-001
80/120 MB * (1/2 Height)	122087-001	80 MB (DC2080)	116966-001
80/120 MB * (1/3 Height)	131337-001	120 MB (DC2120)	116967-001
120/250 MB	197490-001	80 MB (DC2080)	116966-001
135 MB	112523-001	120 MB (DC2120)	116967-001
150/250 MB	115220-001	120 MB (DC2120)	116967-001
		135 MB (DC600 XTD)	113234-001
		150 MB (DC600 XTD)	113234-001
		250 MB (DC6250)	115298-001

* With compression.

Diskette Drives	Spare Part
360 KB	112567-001
1.2 MB	112566-001
1.44 MB *	112565-001

* Required MS-DOS Version 3.31 Revision A if installed as drive B, and MS-DOS Version 3.31 Revision B if installed as drive A.

Cables	Used With	Spare Part
Diskette/Tape Signal Cable	All Diskette Drives, 40/60 and 80/120 MB Tape Drives	113594-001
Mass Storage Power Cable	All Diskette and Tape Drives	113596-001
Mass Storage Power Cable	All Internal Hard Drives (Drive C)	112669-003
Mass Storage Power Cable	All Internal Hard Drives (Drive D)	101741-001
Tape Signal Cable	135 & 150/250 MB Tape Drives	(6-inch) 101741-004
Hard Drive Signal Cable	All Internal Hard Drives (Drive D)	113198-002
Hard Drive Signal Cable	All Internal Hard Drives (Drive C)	(18-inch) 113595-001
External I/O Cable	Expansion Unit	112528-001
Telephone Cable *	Modem	115810-001
VGA Pass-Through Cable	Advanced Graphics	112666-001
		114229-001

* U.S. and Canada only.

Processor/Coprocessor Locations	Location
Processor (80286-12)	U102
Coprocessor (80287-8 or 80C287-12)	U124

System ROM Locations	
U78 ODD	U61 EVEN

System ROM Revisions (Spare Part 117481-001)		
Revision	Number on ODD ROM	Number on EVEN ROM
B.3	117507-003	117508-003
C.1	117507-004	117508-004
C.3	117507-005*	117508-005*

* Discontinued effective February 28, 1996

Power Supply/Battery	Spare Part
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Power Supply	112570-001
Battery/Clock Module	107872-001

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MEMORY CONFIGURATION CHART

Mem Exp Bd	Mem Mod A	Mem Mod B	1-MB Expansion Board (001244) Jumper Settings			Total Mem	Ext Mem	Exp Mem
			E1-E3	E4-E6	E7-E9			
1 MB			1-2 Ext	2-3*	2-3*	2 MB	1 MB	
			2-3 Exp	2-3*	2-3*	2 MB		1 MB
1 MB	1 MB		1-2 Ext	1-2 Ext	2-3*	3 MB	2 MB	
			1-2 Ext	2-3 Exp	2-3*	3 MB	1 MB	1 MB
			2-3 Exp	2-3 Exp	2-3*	3 MB		2 MB
1 MB	1 MB	1 MB	1-2 Ext	1-2 Ext	1-2 Ext	4 MB	3 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	4 MB	2 MB	1 MB
			1-2 Ext	2-3 Exp	2-3 Exp	4 MB	1 MB	2 MB
1 MB	4 MB		1-2 Ext	1-2 Ext	2-3*	6 MB	5 MB	
			1-2 Ext	2-3 Exp	2-3*	6 MB	1 MB	4 MB
			2-3 Exp	2-3 Exp	2-3*	6 MB		5 MB
1 MB	1 MB	4 MB	1-2 Ext	1-2 Ext	1-2 Ext	7 MB	6 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	7 MB	2 MB	4 MB
			1-2 Ext	2-3 Exp	2-3 Exp	7 MB	1 MB	5 MB
1 MB	4 MB	1 MB	1-2 Ext	1-2 Ext	1-2 Ext	7 MB	6 MB	
			1-2 Ext	2-3 Ext	2-3 Exp	7 MB	5 MB	1 MB
			2-3 Exp	2-3 Exp	2-3 Exp	7 MB	1 MB	5 MB
1 MB	4 MB	4 MB	1-2 Ext	1-2 Ext	1-2 Ext	10 MB	9 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	10 MB	5 MB	4 MB
			1-2 Ext	2-3 Exp	2-3 Exp	10 MB	1 MB	8 MB

* Default.

MEMORY CONFIGURATION CHART

Mem Exp Bd	Mem Mod A	Mem Mod B	1-MB Expansion Board (001247) Jumper Settings			Total Mem	Ext Mem	Exp Mem
			E1-E3	E4-E6	E7-E9			
4 MB			1-2 Ext	2-3*	2-3*	5 MB	4 MB	
			2-3 Exp	2-3*	2-3*	5 MB		4 MB
4 MB	1 MB		1-2 Ext	1-2 Ext	2-3*	6 MB	5 MB	
			1-2 Ext	2-3 Exp	2-3*	6 MB	4 MB	1 MB
			2-3 Exp	2-3 Exp	2-3*	6 MB		5 MB
4 MB	1 MB	1 MB	1-2 Ext	1-2 Ext	1-2 Ext	7 MB	6 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	7 MB	5 MB	1 MB
			1-2 Ext	2-3 Exp	2-3 Exp	7 MB	4 MB	2 MB
4 MB	4 MB		1-2 Ext	1-2 Ext	2-3*	9 MB	8 MB	
			1-2 Ext	2-3 Exp	2-3*	9 MB	4 MB	4 MB
			2-3 Exp	2-3 Exp	2-3*	9 MB		8 MB
4 MB	1 MB	4 MB	1-2 Ext	1-2 Ext	1-2 Ext	10 MB	9 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	10 MB	5 MB	4 MB
			1-2 Ext	2-3 Exp	2-3 Exp	10 MB	4 MB	5 MB
4 MB	4 MB	1 MB	1-2 Ext	1-2 Ext	1-2 Ext	10 MB	9 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	10 MB	8 MB	1 MB
			1-2 Ext	2-3 Exp	2-3 Exp	10 MB	4 MB	5 MB
4 MB	4 MB	4 MB	1-2 Ext	1-2 Ext	1-2 Ext	13 MB	12 MB	
			1-2 Ext	1-2 Ext	2-3 Exp	13 MB	8 MB	4 MB
			1-2 Ext	2-3 Exp	2-3 Exp	13 MB	4 MB	8 MB

* Default.

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MEMORY UPGRADE CHART

