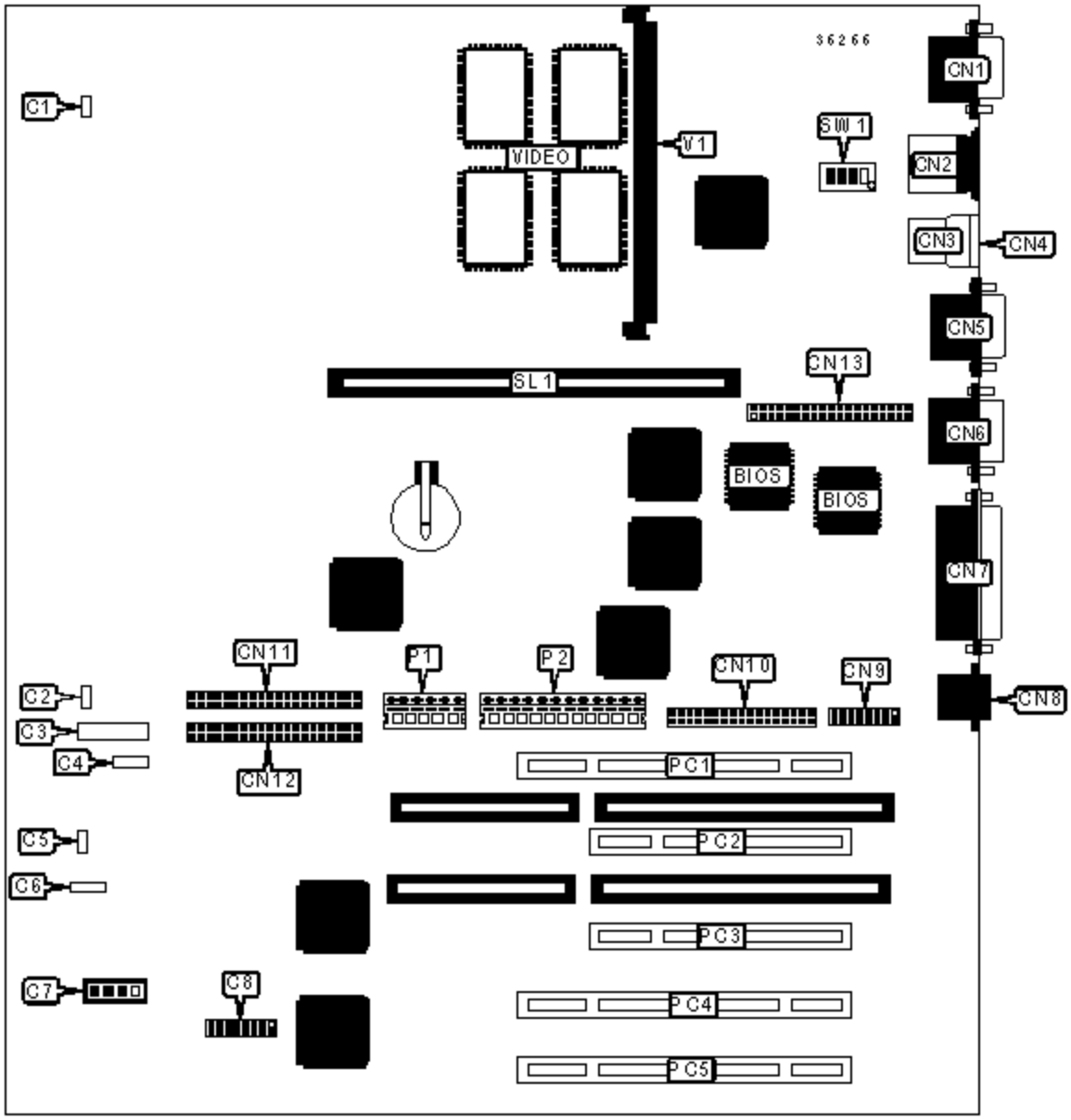
DIGITAL EQUIPMENT CORPORATION

PERSONAL WORKSTATION PII

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/366/400/433/466/500/533MHz
Chip Set	Intel 440LX
Video Chip Set	Permedia
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	8MB
Cache	512KB (located on the Pentium II CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (2), 64-bit PCI slots (3), Ethernet 10BaseT connector, AUI connector, floppy drive interface, game interface, IDE interfaces (2), SCSI interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, USB connectors (2), audio in - CD-ROM, CPU slot

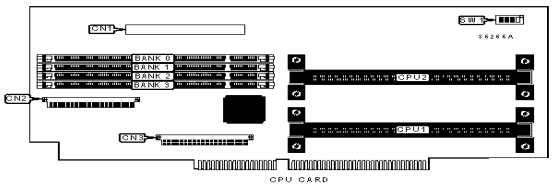


CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**

Chassis fan power	C1	Serial port	CN6
Chassis fan power	C2	Parallel port	CN7
Front panel connector	C3	Ethernet 10BaseT connector	CN8
SCSI interface LED	C4	AUI connector	CN9
Audio connector	C5	Floppy drive interface	CN10
Modem connector	C6	IDE interface 1	CN11
Audio in - CD-ROM	C7	IDE interface 2	CN12
Game interface	C8	SCSI interface	CN13
VGA port	CN1	5v power	P1
PS/2 mouse port	CN2	3.3v auxiliary power	P2
USB connector 1	CN3	32-bit PCI slots	PC2 - PC3
USB connector 2	CN4	64-bit PCI slots	PC1, PC4 - PC5
Serial port	CN5	Video memory connector	V1

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Password normal operation	SW1/1	Off
	Password clear	SW1/1	On
»	Flash BIOS normal operation	SW1/2	Off
	Flash BIOS recovery mode	SW1/2	On
»	CMOS memory normal operation	SW1/3	Off
	CMOS memory clear	SW1/3	On
»	Flash BIOS write protect disabled	SW1/4	Off
	Flash BIOS write protect enabled	SW1/4	On

VIDEO MEMORY CONFIGURATION
Note: Board is factory installed with 4MB. To increase memory to 8MB, install module at V1.



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP connector	CN1	VRM connector 2	CN3
VRM connector 1	CN2		

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None

96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None

DIMM CONFIGURATION (CON'T)				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.				

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**
233MHz	66MHz	3.5x	On	Off	On	Off
266MHz	66MHz	4x	Off	On	Off	Off
300MHz	66MHz	4.5x	Off	On	On	Off
333MHz	66MHz	5x	On	On	Off	Off
366MHz	66MHz	5.5x	On	On	On	Off
400MHz	66MHz	6x	Off	Off	Off	On
433MHz	66MHz	6.5x	Off	Off	On	On
466MHz	66MHz	7x	On	Off	Off	On
500MHz	66MHz	7.5x	On	Off	On	On
533MHz	66MHz	8x	Off	On	Off	On