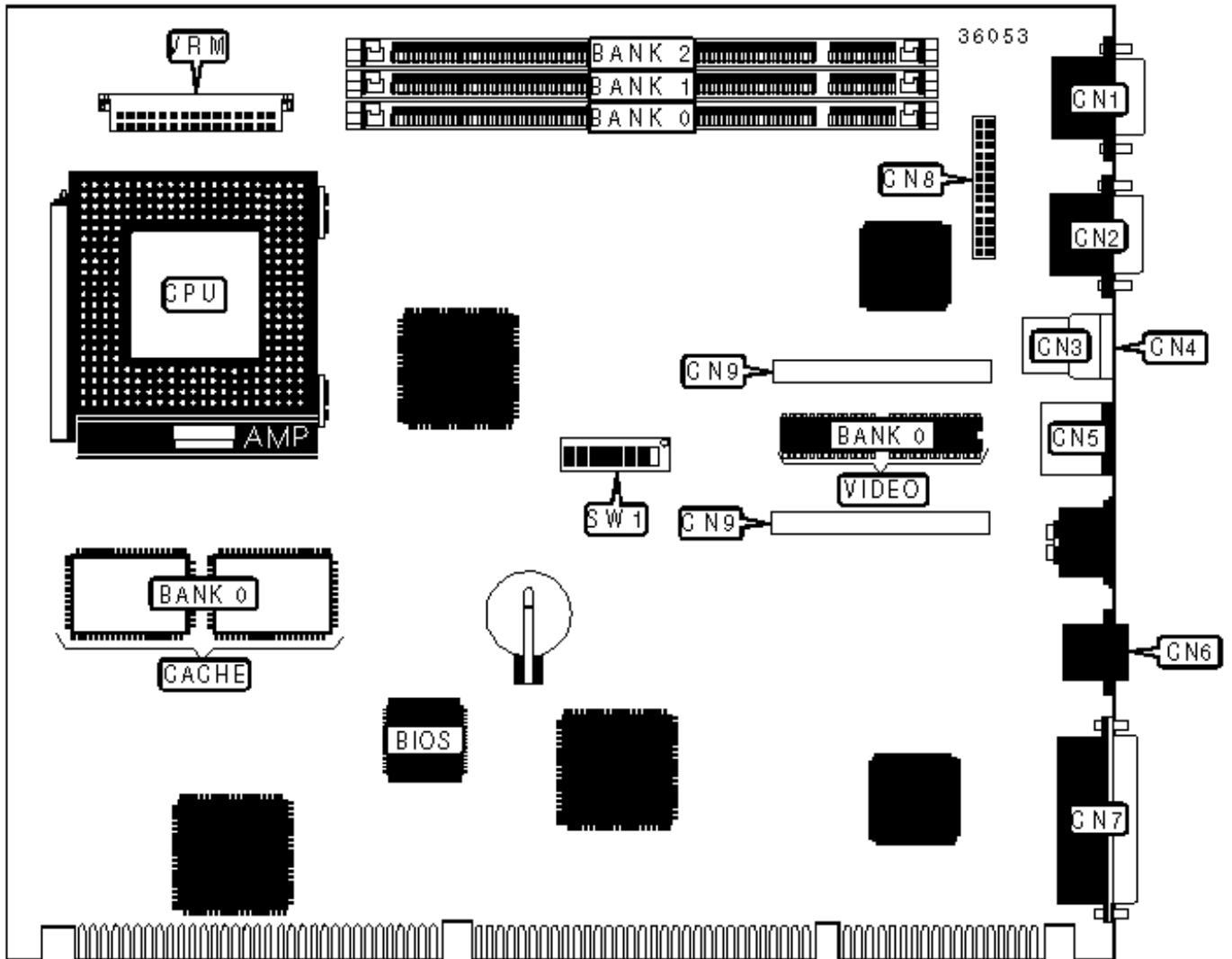


DIGITAL EQUIPMENT CORPORATION

DIGITAL SERVER 500

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Serial port	CN1	Ethernet 10BaseT connector	CN6
VGA port	CN2	Parallel port	CN7
USB connector	CN3	VGA feature connector	CN8
USB connector	CN4	VRM connector	VRM
PS/2 mouse port	CN5		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Password normal operation	SW1/2	Off
Password clear	SW1/2	On
» BIOS normal operation	SW1/3	Off
BIOS recovery mode	SW1/3	On
» CMOS memory normal operation	SW1/4	Off
CMOS memory clear	SW1/4	On
» BIOS write disabled	SW1/5	Off
BIOS write enabled	SW1/5	On

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64

64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
512KB	(2) 64K x 32

VIDEO MEMORY CONFIGURATION

2MB video memory is factory installed and is not configurable. To increase to 4MB, install upgrade module at

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/6	SW1/7	SW1/8
90MHz	60MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	Off	Off	On	Off
133MHz	66MHz	2x	On	Off	On	Off
150MHz	60MHz	2.5x	Off	Off	On	On
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On
233MHz	66MHz	3.5x	On	Off	Off	Off
266MHz	66MHz	4x	On	On	On	Off
300MHz	66MHz	4.5x	On	On	On	On
333MHz	66MHz	5x	On	On	Off	On

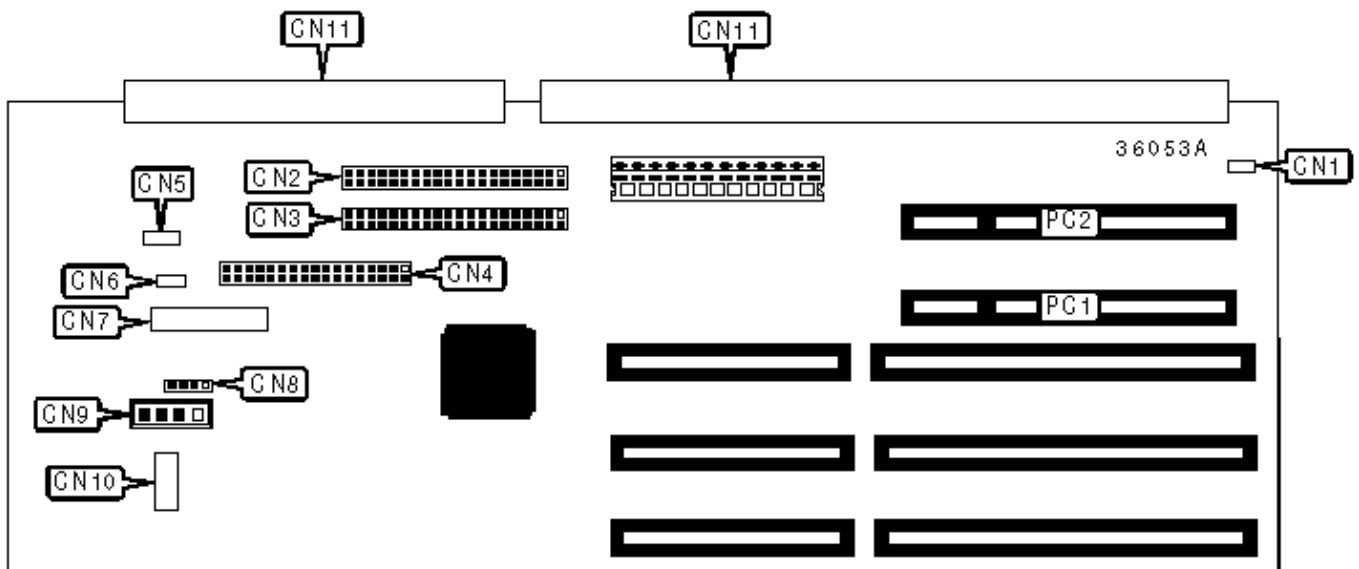
366MHz	66MHz	5.5x	On	On	Off	Off
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CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/6	SW1/7	SW1/8
90MHz	60MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	Off	Off	On	Off
133MHz	66MHz	2x	On	Off	On	Off
150MHz	60MHz	2.5x	Off	Off	On	On
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	On	Off	On	On
200MHz	66MHz	3x	On	Off	Off	On
233MHz	66MHz	3.5x	On	Off	Off	Off



BACKPLANE

CONNECTIONS

Purpose	Location	Purpose	Location
Micro switch connector	CN1	Control panel connector	CN7
IDE interface 1	CN2	Fax/modem connector	CN8
IDE interface 2	CN3	Audio in – CD-ROM	CN9
Floppy drive interface	CN4	Audio rear panel connector	CN10
SCSI interface LED	CN5	Main logic board connector	CN11
Chassis fan power	CN6	32-bit PCI slots	PC1 – PC2