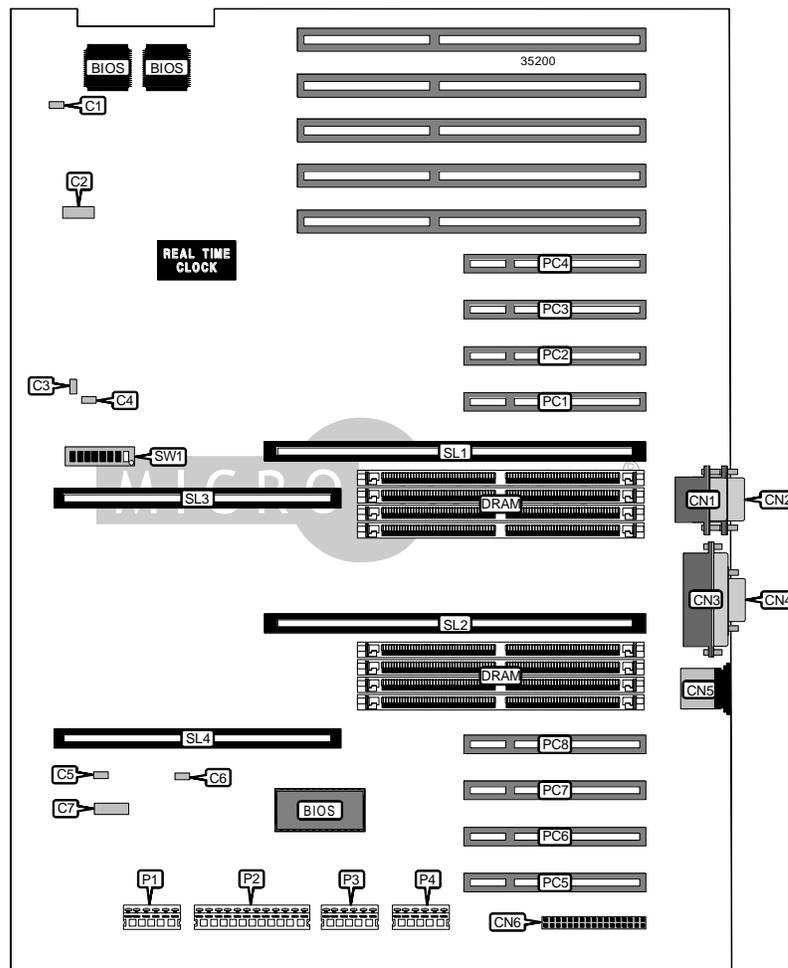


DIGITAL EQUIPMENT CORPORATION DIGITAL SERVER 7100

Device Type	Mainboard
Processor	Pentium Pro
Processor Speed	120/133/150/166/180/200/210/233/240/266/270/300/330/333/366MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	4GB
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (8), floppy drive interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Chassis fan power	C1	VGA port	CN4
RSM connector	C2	PS/2 mouse port	CN5
Speaker	C3	Floppy drive interface	CN6
Chassis fan power	C4	Power control connector	P1
Chassis fan power	C5	5v power	P2
Chassis fan power	C6	3.3v power	P3
OCP connector	C7	Power backplane connector	P4
Serial port	CN1	32-bit PCI slots	PC1 – PC8
Serial port	CN2	Memory slots	SL1 & SL2
Parallel port	CN3	CPU slots	SL3 & SL4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í BIOS upgrade enabled	SW1/1	On
BIOS upgrade disabled	SW1/1	Off
í BIOS normal operation	SW1/2	Off
BIOS recovery mode	SW1/2	On
í Boot block update disabled	SW1/3	Off
Boot block update enabled	SW1/3	On
í Password normal operation	SW1/4	Off
Password clear	SW1/4	On
í RSM not installed	SW1/5	On
RSM installed	SW1/5	Off
í CMOS memory normal operation	SW1/6	Off
CMOS memory clear	SW1/6	On
í Factory configured - do not alter	SW1/8	Off

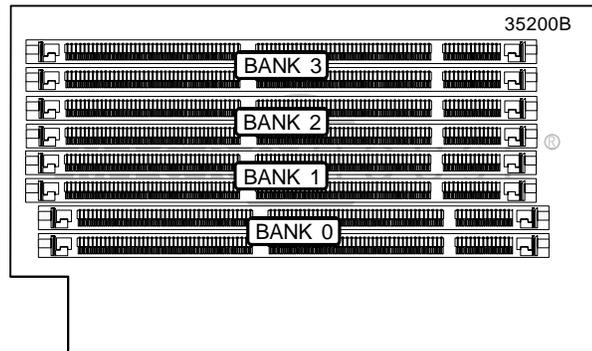
SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
128MB	(2) 4M x 36			

CPU BUS SPEED SELECTION	
Bus speed	SW1/7
60MHz	Off
66MHz	On

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MEMORY CARDS

DIMM CONFIGURATION				
Size	Bank 0's	Bank 1's	Bank 2's	Bank 3's
128MB	(4) 4M x 64	None	None	None
256MB	(4) 4M x 64	(4) 4M x 64	None	None
256MB	(4) 8M x 64	None	None	None
384MB	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64	None
384MB	(4) 8M x 64	(4) 4M x 64	None	None
512MB	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64
512MB	(4) 8M x 64	(4) 4M x 64	(4) 4M x 64	None
512MB	(4) 8M x 64	(4) 8M x 64	None	None
512MB	(4) 16M x 64	None	None	None
640MB	(4) 8M x 64	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64
640MB	(4) 8M x 64	(4) 8M x 64	(4) 4M x 64	None
640MB	(4) 16M x 64	(4) 4M x 64	None	None
768MB	(4) 8M x 64	(4) 8M x 64	(4) 4M x 64	(4) 4M x 64
768MB	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64	None
768MB	(4) 16M x 64	(4) 8M x 64	None	None
768MB	(4) 16M x 64	(4) 4M x 64	(4) 4M x 64	None
896MB	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64	(4) 4M x 64
896MB	(4) 16M x 64	(4) 8M x 64	(4) 4M x 64	None
896MB	(4) 16M x 64	(4) 4M x 64	(4) 4M x 64	(4) 4M x 64
1024MB	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64
1024MB	(4) 16M x 64	(4) 8M x 64	(4) 8M x 64	None
1024MB	(4) 16M x 64	(4) 16M x 64	None	None
1024MB	(4) 32M x 64	None	None	None

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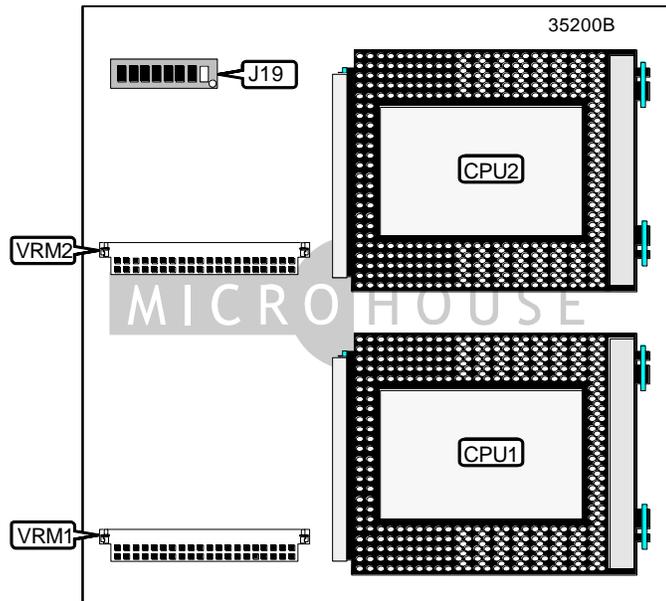
DIMM CONFIGURATION (CON'T)				
Size	Bank 0's	Bank 1's	Bank 2's	Bank 3's
1152MB	(4) 16M x 64	(4) 8M x 64	(4) 8M x 64	(4) 4M x 64
1152MB	(4) 16M x 64	(4) 16M x 64	(4) 4M x 64	None
1152MB	(4) 32M x 64	(4) 4M x 64	None	None
1280MB	(4) 16M x 64	(4) 8M x 64	(4) 8M x 64	(4) 8M x 64
1280MB	(4) 16M x 64	(4) 16M x 64	(4) 8M x 64	None
1280MB	(4) 16M x 64	(4) 16M x 64	(4) 4M x 64	(4) 4M x 64
1280MB	(4) 32M x 64	(4) 8M x 64	None	None
1280MB	(4) 32M x 64	(4) 4M x 64	(4) 4M x 64	None
1408MB	(4) 16M x 64	(4) 16M x 64	(4) 8M x 64	(4) 4M x 64
1408MB	(4) 32M x 64	(4) 8M x 64	(4) 4M x 64	None
1536MB	(4) 16M x 64	(4) 16M x 64	(4) 8M x 64	(4) 8M x 64
1536MB	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64	None
1536MB	(4) 32M x 64	(4) 16M x 64	None	None
1536MB	(4) 32M x 64	(4) 8M x 64	(4) 8M x 64	None
1664MB	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64	(4) 4M x 64
1664MB	(4) 32M x 64	(4) 16M x 64	(4) 4M x 64	None
1792MB	(4) 16M x 64	(4) 16M x 64	(4) 16M x 64	(4) 8M x 64
1792MB	(4) 32M x 64	(4) 16M x 64	(4) 8M x 64	None
2048MB	(4) 16M x 64			
2048MB	(4) 32M x 64	(4) 32M x 64	None	None
2048MB	(4) 32M x 64	(4) 16M x 64	(4) 16M x 64	None
2176MB	(4) 32M x 64	(4) 32M x 64	(4) 4M x 64	None
2304MB	(4) 32M x 64	(4) 32M x 64	(4) 8M x 64	None
2560MB	(4) 32M x 64	(4) 32M x 64	(4) 16M x 64	None
3072MB	(4) 32M x 64	(4) 32M x 64	(4) 32M x 64	None
3200MB	(4) 32M x 64	(4) 32M x 64	(4) 32M x 64	(4) 4M x 64
3328MB	(4) 32M x 64	(4) 32M x 64	(4) 32M x 64	(4) 8M x 64
3584MB	(4) 32M x 64	(4) 32M x 64	(4) 32M x 64	(4) 16M x 64
4096MB	(4) 32M x 64			

Note: The above memory configuration requires the use of 2 DIMMs per card and 2 memory cards. Both bank 0's must be filled before filling the bank 1's.

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PENTIUM PRO CPU CARD

CONNECTIONS			
Purpose	Location	Purpose	Location
VRM connector	VRM1	VRM connector	VRM2

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

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CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	J19/1	J19/2	J19/3	J19/4
120MHz	60MHz	2x	Off	Off	Off	On
133MHz	66MHz	2x	Off	Off	Off	On
150MHz	60MHz	2.5x	Off	Off	On	On
166MHz	66MHz	2.5x	Off	Off	On	On
180MHz	60MHz	3x	On	Off	Off	On
200MHz	66MHz	3x	On	Off	Off	On
210MHz	66MHz	3.5x	On	Off	On	On
233MHz	66MHz	3.5x	On	Off	On	On
240MHz	66MHz	4x	Off	On	Off	On
266MHz	66MHz	4x	Off	On	Off	On
270MHz	66MHz	4.5x	Off	On	On	On
300MHz	66MHz	4.5x	Off	On	On	On
300MHz	66MHz	5x	On	On	Off	On
330MHz	66MHz	5.5x	On	On	On	On
333MHz	66MHz	5x	On	On	Off	On
366MHz	66MHz	5.5x	On	On	On	On

CPU SPEED SELECTION (CON'T)						
CPU speed	Clock speed	Multiplier	J19/5	J19/6	J19/7	J19/8
120MHz	60MHz	2x	Off	Off	Off	On
133MHz	66MHz	2x	Off	Off	Off	On
150MHz	60MHz	2.5x	Off	Off	On	On
166MHz	66MHz	2.5x	Off	Off	On	On
180MHz	60MHz	3x	On	Off	Off	On
200MHz	66MHz	3x	On	Off	Off	On
210MHz	66MHz	3.5x	On	Off	On	On
233MHz	66MHz	3.5x	On	Off	On	On
240MHz	66MHz	4x	Off	On	Off	On
266MHz	66MHz	4x	Off	On	Off	On
270MHz	66MHz	4.5x	Off	On	On	On
300MHz	66MHz	4.5x	Off	On	On	On
300MHz	66MHz	5x	On	On	Off	On
330MHz	66MHz	5.5x	On	On	On	On
333MHz	66MHz	5x	On	On	Off	On
366MHz	66MHz	5.5x	On	On	On	On