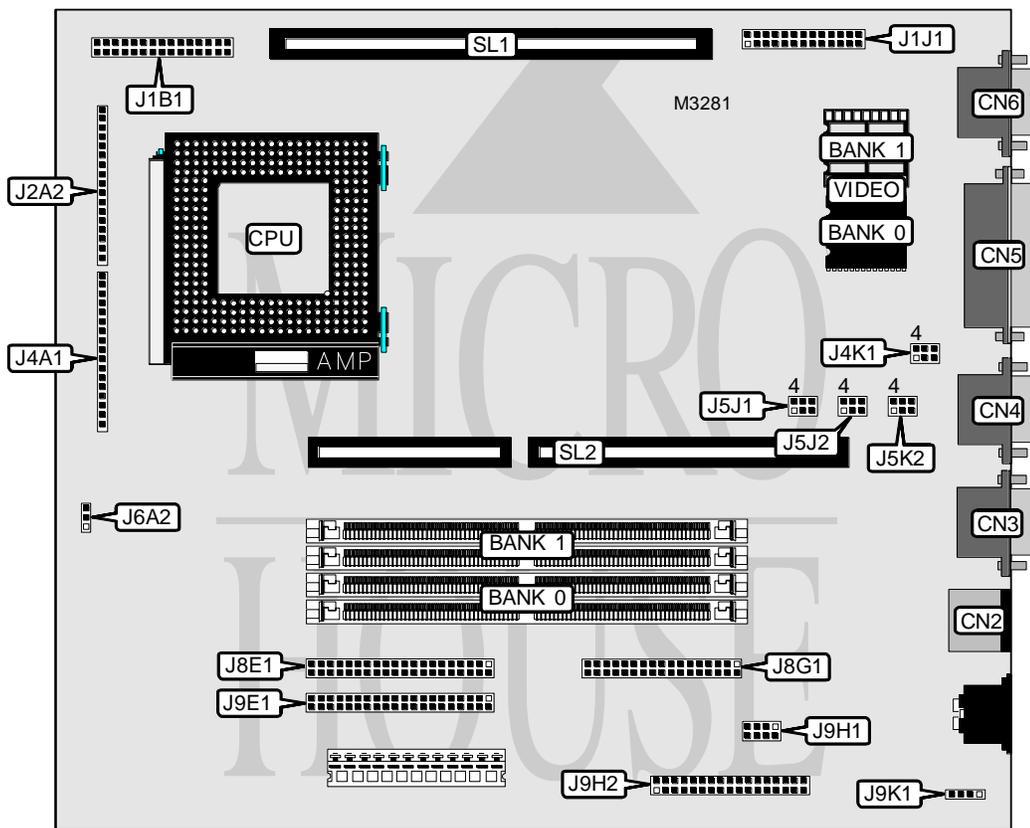


AST RESEARCH, INC. BRAVO MS P/75 (221478-F01)

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166MHz
Chip Set	Unidentified
Maximum Onboard Memory	128MB
Cache	256KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), 8514 video pass through connector, VGA port, VRM connector, cache slot, riser slot, wavetable connector MIDI/sound port connector
NPU Options	None



CONNECTIONS			
Function	Label	Function	Label
PS/2 mouse port	CN2	Front panel connector	J4A1
Serial port	CN3	Floppy drive interface	J8G1
Serial port	CN4	IDE interface 2	J8E1
Parallel port	CN5	IDE interface 1	J9E1
VGA port	CN6	Wavetable connector	J9H1
VRM connector	J1B1	MIDI/sound port connector	J9H2
8514 video pass through connector	J1J1	Cache slot	SL1
Front panel connector	J2A2	Riser slot	SL2

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USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í PCI clock speed select 1/3	J4K1	Pins 1 & 2 closed
PCI clock speed select 1/4	J4K1	Pins 2 & 3 closed
í Setup access enabled	J4K1	Pins 4 & 5 closed
Setup access disabled	J4K1	Pins 5 & 6 closed
í CMOS memory normal operation	J5K2	Pins 1 & 2 closed
CMOS memory clear	J5K2	Pins 2 & 3 closed
í Password enabled	J5K2	Pins 4 & 5 closed
Password disabled	J5K2	Pins 5 & 6 closed
í Factory configured - do not alter	J9K1	N/A

DRAM		
Size	Bank 0	Bank 1
8MB	(2) 1M x 32	None
10MB	(2) 1M x 32	(2) 256K x 32
16MB	(2) 2M x 32	None
16MB	(2) 1M x 32	(2) 1M x 32
24MB	(2) 2M x 32	(2) 1M x 32
32MB	(2) 4M x 32	None
32MB	(2) 2M x 32	(2) 2M x 32
34MB	(2) 4M x 32	(2) 256K x 32
40MB	(2) 4M x 32	(2) 1M x 32
48MB	(2) 4M x 32	(2) 2M x 32
64MB	(2) 8M x 32	None
64MB	(2) 4M x 32	(2) 4M x 32
66MB	(2) 8M x 32	(2) 256K x 32
72MB	(2) 8M x 32	(2) 1M x 32
80MB	(2) 8M x 32	(2) 2M x 32
96MB	(2) 8M x 32	(2) 4M x 32
128MB	(2) 8M x 32	(2) 8M x 32

CACHE SIZE	
Size	SL1
0KB	Not installed
256KB	Installed

CPU SPEED		
Setting	J5J1	J5J2
75MHz	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2, 4 & 5 closed
90MHz	Pins 1 & 2, 5 & 6 closed	Pins 1 & 2, 4 & 5 closed
100MHz	Pins 2 & 3, 4 & 5 closed	Pins 1 & 2, 4 & 5 closed
120MHz	Pins 1 & 2, 5 & 6 closed	Pins 2 & 3, 4 & 5 closed
133MHz	Pins 2 & 3, 4 & 5 closed	Pins 2 & 3, 4 & 5 closed
150MHz	Pins 1 & 2, 5 & 6 closed	Pins 2 & 3, 5 & 6 closed
166MHz	Pins 2 & 3, 4 & 5 closed	Pins 2 & 3, 5 & 6 closed

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CPU VOLTAGE	
Setting	J6A2
3.3v	Pins 1 & 2 closed
3.6v	Pins 2 & 3 closed

VIDEO MEMORY		
Size	Bank 0	Bank 1
1MB	(4) 256K x 16	None
2MB	(4) 256K x 16	(4) 256K x 16

Note: Bank 0 is factory installed and is not configurable.