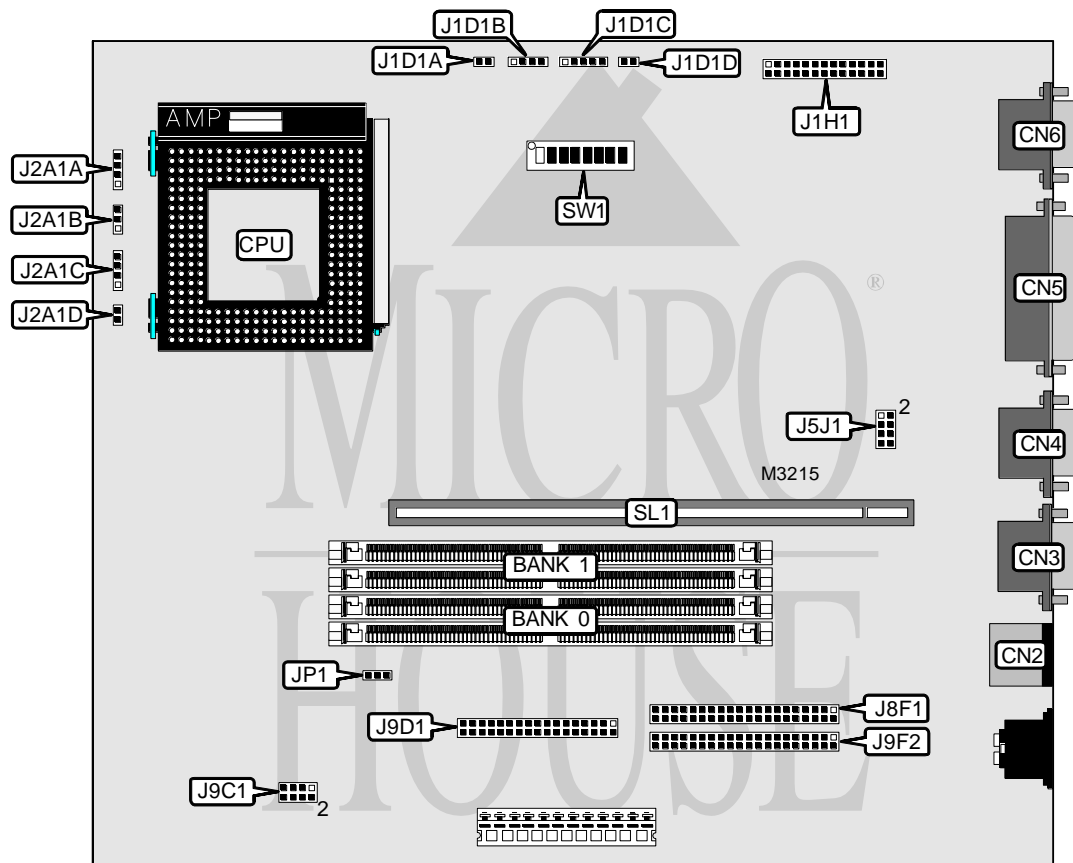


# AST RESEARCH, INC. ADVANTAGE! 8000 SERIES P5 (MORRISON) (234250-F01)

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	None
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), 8514 video pass through connector, VGA port, riser slot
<b>NPU Options</b>	None



Continued on next page. . .

AST RESEARCH, INC.  
 ADVANTAGE! 8000 SERIES P5  
 (MORRISON) (234250-F01)

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN2	8514 video pass through connector	J1H1
Serial port	CN3	Speaker	J2A1A
Serial port	CN4	Front panel connector	J2A1B
Parallel port	CN5	Chassis fan power	J2A1C
VGA port	CN6	Front panel connector	J2A1D
Control console LED	J1D1A	IDE interface 1	J8F1
Control console LED	J1D1B	Floppy drive interface	J9D1
Control console LED	J1D1C	IDE interface 2	J9F2
Control console LED	J1D1D	Riser slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Flash BIOS normal operation	J5J1	pins 1 & 3 closed
Flash BIOS force update at boot	J5J1	pins 1 & 2 closed
í Factory configured - do not alter	JP1	N/A
í Factory configured - do not alter	SW1/1	On
í Factory configured - do not alter	SW1/2	On
í Password enabled	SW1/3	Off
Password disabled	SW1/3	On
í CMOS memory normal operation	SW1/4	Off
CMOS memory clear	SW1/4	On
í Setup access enabled	SW1/5	Off
Setup access disabled	SW1/5	On

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 32	NONE
10MB	(2) 1M x 32	(2) 256K x 32
16MB	(2) 1M x 32	(2) 1M x 32
16MB	(2) 2M x 32	NONE
24MB	(2) 2M x 32	(2) 1M x 32
32MB	(2) 2M x 32	(2) 2M x 32
32MB	(2) 4M x 32	NONE
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) 4M x 32	(2) 4M x 32
64MB	(2) 8M x 32	NONE
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

Continued on next page. . .

AST RESEARCH, INC.  
 ADVANTAGE! 8000 SERIES P5  
 (MORRISON) (234250-F01)

... continued from previous page

CPU TYPE CONFIGURATION		
Type	J5J1	J9C1
VR	pins 1 & 3, 5 & 7 closed	pins 1 & 3 closed
VRE	pins 1 & 3, 5 & 7 closed	pins 5 & 7 closed

CPU SPEED CONFIGURATION			
Speed	SW1/6	SW1/7	SW1/8
75MHz	Off	Off	Off
90MHz	Off	On	Off
100MHz	Off	Off	On
120MHz	On	On	Off
133MHz	On	Off	On