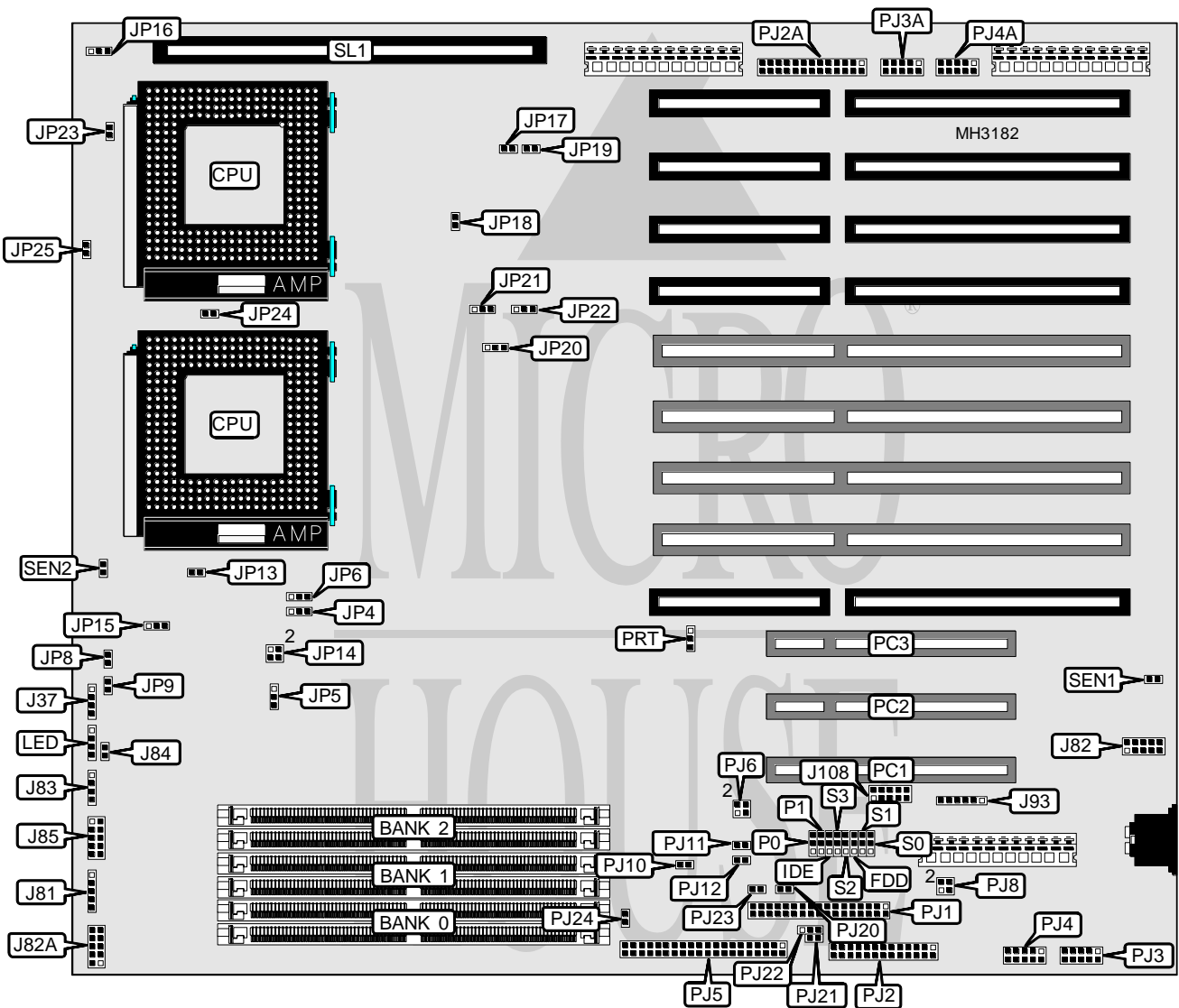


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Processor	Pentium
Processor Speed	75/90/100/120/133MHz
Chip Set	Unidentified
Max. Onboard DRAM	384MB
Cache	256/512KB
BIOS	Unidentified
Dimensions	355mm x 305mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interface, parallel port, auxiliary parallel port, PS/2 mouse interface, serial ports (2), auxiliary serial ports (2), cache slot, auxiliary keyboard interfaces (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J37	Parallel port	PJ2
Power LED & keylock	J81	Serial port 2	PJ3
Auxiliary keyboard connector	J82	Serial port 1	PJ4
Reset switch	J83 pins 1 & 2	IDE interface	PJ5
Turbo LED	J83 pins 3 & 4	Auxiliary parallel port	PJ2A
External IDE interface LED	J84	Auxiliary serial port 1	PJ3A
Front panel connector	J85	Auxiliary serial port 2	PJ4A
PS/2 mouse interface	J108	32-bit PCI slots	PC1 - PC3
Auxiliary keyboard connector	J82A	Internal temperature sensor	SEN1
IDE interface LED	LED	Internal temperature sensor	SEN2
Floppy drive interface	PJ1	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J93	N/A
í Pipeline enabled	JP13	Closed
Pipeline disabled	JP13	Open
Cache parity enabled	JP14	pins 1 & 3, 2 & 4 closed
Cache parity disabled	JP14	pins 1 & 2, 3 & 4 closed
í Monitor type select monochrome	JP19	Open
Monitor type select color	JP19	Closed
í Cache type select write back	JP23	Open
Cache type select write through	JP23	Closed
í Factory configured - do not alter	JP25	N/A
í Factory configured - do not alter	PJ8	N/A

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
2MB	(2) 256K x 36	NONE	NONE
4MB	(2) 256K x 36	(2) 256K x 36	NONE
4MB	(2) 512K x 36	NONE	NONE
6MB	(2) 256K x 36	(2) 512K x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36	NONE
10MB	(2) 1M x 36	(2) 256K x 36	NONE
12MB	(2) 512K x 36	(2) 1M x 36	NONE
14MB	(2) 256K x 36	(2) 512K x 36	(2) 1M x 36
16MB	(2) 1M x 36	(2) 1M x 36	NONE
16MB	(2) 2M x 36	NONE	NONE
18MB	(2) 2M x 36	(2) 256K x 36	NONE
18MB	(2) 1M x 36	(2) 1M x 36	(2) 256K x 36
20MB	(2) 1M x 36	(2) 1M x 36	(2) 512K x 36
20MB	(2) 2M x 36	(2) 512K x 36	NONE
22MB	(2) 2M x 36	(2) 512K x 36	(2) 256K x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
24MB	(2) 2M x 36	(2) 1M x 36	NONE
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
26MB	(2) 2M x 36	(2) 1M x 36	(2) 256K x 36
28MB	(2) 2M x 36	(2) 1M x 36	(2) 512K x 36
32MB	(2) 4M x 36	NONE	NONE
32MB	(2) 2M x 36	(2) 2M x 36	NONE
34MB	(2) 4M x 36	(2) 256K x 36	NONE
38MB	(2) 4M x 36	(2) 256K x 36	(2) 512K x 36
40MB	(2) 4M x 36	(2) 1M x 36	NONE
40MB	(2) 4M x 36	(2) 512K x 36	(2) 512K x 36
42MB	(2) 4M x 36	(2) 1M x 36	(2) 256K x 36
44MB	(2) 4M x 36	(2) 1M x 36	(2) 512K x 36
48MB	(2) 4M x 36	(2) 2M x 36	NONE
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
50MB	(2) 4M x 36	(2) 2M x 36	(2) 256K x 36
52MB	(2) 4M x 36	(2) 2M x 36	(2) 512K x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	NONE	NONE
64MB	(2) 4M x 36	(2) 4M x 36	NONE
66MB	(2) 8M x 36	(2) 256K x 36	NONE
66MB	(2) 4M x 36	(2) 4M x 36	(2) 256K x 36
68MB	(2) 8M x 36	(2) 512K x 36	NONE
68MB	(2) 4M x 36	(2) 4M x 36	(2) 512K x 36
70MB	(2) 8M x 36	(2) 256K x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 512K x 36	(2) 512K x 36
74MB	(2) 8M x 36	(2) 1M x 36	(2) 256K x 36
76MB	(2) 8M x 36	(2) 512K x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	NONE
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
82MB	(2) 8M x 36	(2) 2M x 36	(2) 256K x 36
84MB	(2) 8M x 36	(2) 2M x 36	(2) 512K x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36	NONE
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
98MB	(2) 8M x 36	(2) 4M x 36	(2) 256K x 36
100MB	(2) 8M x 36	(2) 4M x 36	(2) 512K x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 16M x 36	NONE	NONE
128MB	(2) 8M x 36	(2) 8M x 36	NONE

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
130MB	(2) 8M x 36	(2) 8M x 36	(2) 256K x 36
130MB	(2) 16M x 36	(2) 256K x 36	NONE
132MB	(2) 8M x 36	(2) 8M x 36	(2) 512K x 36
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
136MB	(2) 16M x 36	(2) 1M x 36	NONE
138MB	(2) 16M x 36	(2) 1M x 36	(2) 256K x 36
140MB	(2) 16M x 36	(2) 1M x 36	(2) 512K x 36
144MB	(2) 16M x 36	(2) 2M x 36	NONE
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
146MB	(2) 16M x 36	(2) 2M x 36	(2) 256K x 36
148MB	(2) 16M x 36	(2) 2M x 36	(2) 512K x 36
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	NONE
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
162MB	(2) 16M x 36	(2) 4M x 36	(2) 256K x 36
164MB	(2) 16M x 36	(2) 4M x 36	(2) 512K x 36
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	NONE
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
194MB	(2) 16M x 36	(2) 8M x 36	(2) 256K x 36
196MB	(2) 16M x 36	(2) 8M x 36	(2) 512K x 36
200MB	(2) 16M x 36	(2) 8M x 36	(2) 1M x 36
208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 16M x 36	NONE
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
258MB	(2) 16M x 36	(2) 16M x 36	(2) 256K x 36
260MB	(2) 16M x 36	(2) 16M x 36	(2) 512K x 36
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36
272MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
288MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36
320MB	(2) 16M x 36	(2) 16M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36

CACHE CONFIGURATION			
Type	JP4	JP15	JP16
Standard cache	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
Synchronous cache	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

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CACHE JUMPER CONFIGURATION		
Size	JP5	JP6
None	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION			
Speed	JP8	JP9	JP24
75MHz	Open	Open	Open
90MHz	Closed	Closed	Open
100MHz	Open	Closed	Open
120MHz	Closed	Closed	Closed
133MHz	Open	Closed	Closed

PARALLEL PORT CONFIGURATION				
I/O port	IRQ	P0	P1	PRT
Disabled	N/A	pins 1 & 2 closed	pins 1 & 2 closed	N/A
3BCh	IRQ7	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
378h	IRQ7	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
278h	IRQ5	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION				
I/O port	IRQ	S0	S1	PJ6
Disabled	N/A	pins 1 & 2 closed	pins 1 & 2 closed	N/A
338h	N/A	pins 2 & 3 closed	pins 1 & 2 closed	N/A
2F8h	IRQ3	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 3 closed
3F8h	IRQ4	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 2 CONFIGURATION				
I/O port	IRQ	S2	S3	PJ6
Disabled	N/A	pins 1 & 2 closed	pins 1 & 2 closed	N/A
238h	N/A	pins 2 & 3 closed	pins 1 & 2 closed	N/A
3F8h	IRQ4	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 4 closed
2F8h	IRQ3	pins 2 & 3 closed	pins 2 & 3 closed	pins 3 & 4 closed

FLOPPY DRIVE CONFIGURATION			
Setting	FDD	PJ11	PJ12
Disabled	pins 1 & 2 closed	Open	Open
Enabled	pins 2 & 3 closed	Closed	Closed

IDE CONFIGURATION		
Setting	IDE	PJ10
Disabled	pins 1 & 2 closed	Open
Enabled	pins 2 & 3 closed	Closed

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ONBOARD I/O CONFIGURATION				
Type	PJ20	PJ21	PJ22	PJ23
FDC37C652	Closed	Closed	Open	Open
í FDC37C663/664 (DRATE)	Open	Open	pins 1 & 2 closed	Open
FDC37C663/664 (media ID)	Open	Open	pins 2 & 3 closed	Closed

BIOS CONFIGURATION			
Type	JP20	JP21	JP22
EPROM	pins 1 & 2 closed	Open	pins 2 & 3 closed
Flash normal	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
Flash program	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
Flash recovery	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CMOS CONFIGURATION		
Setting	JP17	JP18
í CMOS memory normal operation	Open	Closed
CMOS memory clear	Closed	Open