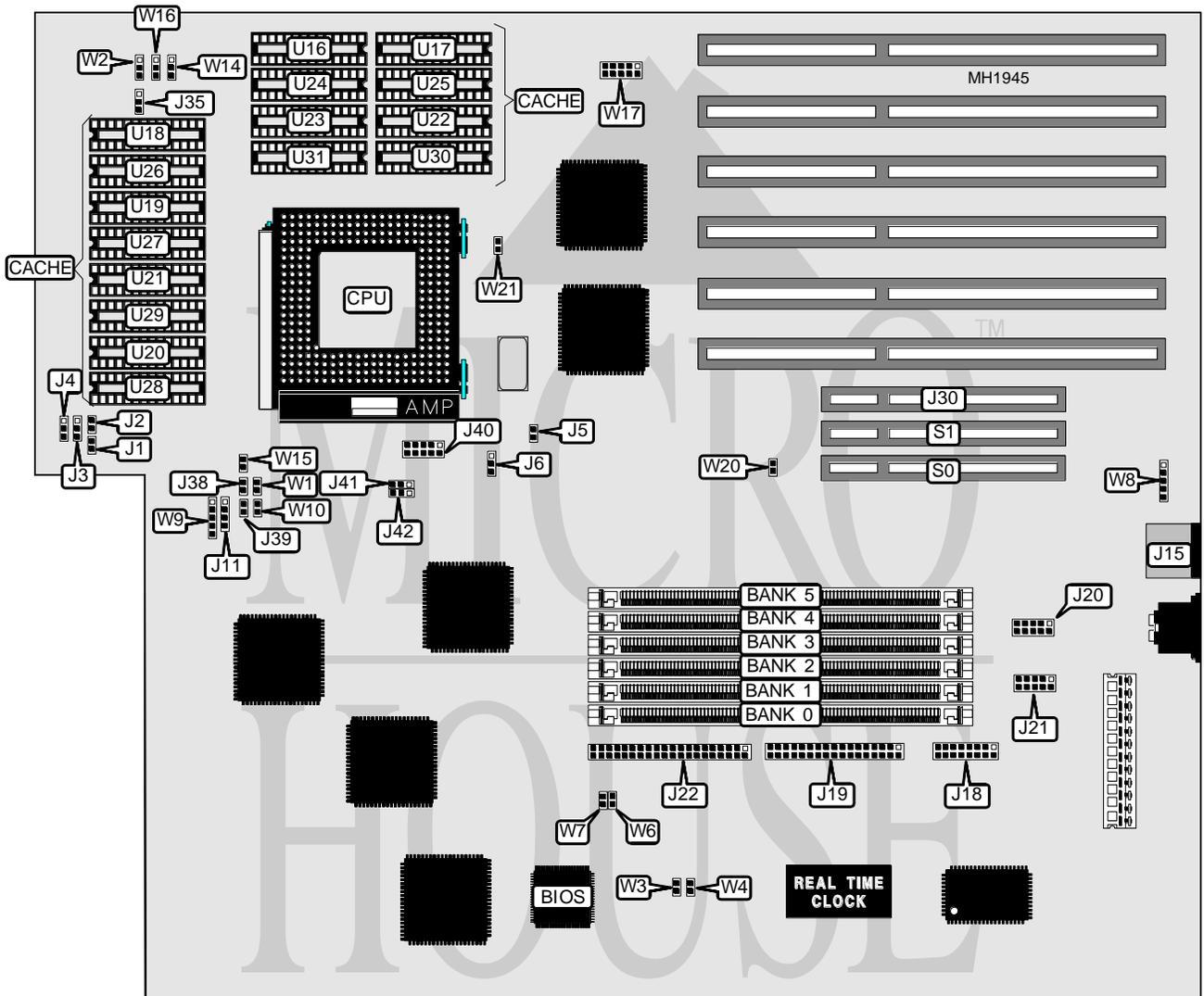


MICRONICS COMPUTERS, INC. M5PE SYSTEM BOARD

Processor	Pentium
Processor Speed	60/66MHz
Chip Set	Intel
Max. Onboard DRAM	192MB
Cache	256/512KB
BIOS	Phoenix
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slot (2), shared PCI/EISA slot, PS/2 mouse port, floppy drive interface, IDE interface, parallel port, serial ports (2)



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MICRONICS COMPUTERS, INC.

M5PE SYSTEM BOARD

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CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J11	5.3V for ground	J41
PS/2 mouse port	J15	5.3V for ground	J42
Parallel port	J18	Reset switch	W1
Floppy drive interface	J19	External keyboard connector	W8
Serial port A	J20	Power LED & keylock	W9
Serial port B	J21	IDE interface LED	W10
IDE interface	J22	Chassis fan power	W21
Turbo LED	J38	PCI slots	S0, S1
Turbo switch	J39	Shared PCI/EISA slot	J30

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Pentium parity check enabled	J1	Closed
Pentium parity check disabled	J1	Open
í Pentium write back cache	J2	Closed
Pentium write through cache	J2	Open
í Factory configured - do not alter	J5	Closed
í Factory configured - do not alter	J6	pins 1 & 2 closed
í 5V for Pentium	J40	All closed
5.3 V for Pentium	J40	To power module
í BIOS normal operation	W2	pins 1 & 2 closed
BIOS recovery mode	W2	pins 2 & 3 closed
í Factory configured - do not alter	W3	Closed
í Factory configured - do not alter	W4	Closed
í PS/2 Mouse installed	W6	Closed
PS/2 Mouse not installed	W6	Open
í Factory configured - do not alter	W7	Closed
í Factory configured - do not alter	W15	Closed
í Factory configured - do not alter	W20	Closed

DMA CHANNEL SELECT			
DRQ	DACK	W14	W16
6	6	pins 1 & 2 closed	pins 1 & 2 closed
7	7	pins 2 & 3 closed	pins 2 & 3 closed

PCI IRQ REDIRECT SELECTION	
Function	W17
PCI Interrupt to IRQ 5	pins 1 & 2 closed
PCI Interrupt to IRQ 9	pins 3 & 4 closed
PCI Interrupt to IRQ 10	pins 5 & 6 closed
PCI Interrupt to IRQ 11	pins 7 & 8 closed
PCI Interrupt to IRQ 15	pins 9 & 10 closed
PCI Interrupt to IRQ 14	pins 11 & 12 closed

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MICRONICS COMPUTERS, INC.

M5PE SYSTEM BOARD

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DRAM CONFIGURATION						
Size	Bank 0	Bank 1	Bank 2	Bank 3	Bank 4	Bank 5
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE	NONE	NONE
16MB	(1) 1M x 36	NONE	NONE			
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE	NONE	NONE
24MB	(1) 1M x 36					
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	NONE	NONE
32MB	(1) 2M x 36	NONE	NONE			
32MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36			
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36			
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE	NONE
48MB	(1) 2M x 36					
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	NONE	NONE
48MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36			
56MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	NONE	NONE			
64MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36			
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE	NONE	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36			
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE	NONE
80MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36			
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	NONE	NONE
80MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36			
88MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 4M x 36					
96MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE	NONE	NONE
96MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36			
104MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 8M x 36	NONE	NONE			
128MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36			
136MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36			
144MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36			
160MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36			
192MB	(1) 8M x 36					

CACHE CONFIGURATION		
Size	U16 - U23	U24 - U31
256KB	(8) 32K x 8	NONE
512KB	(8) 32K x 8	(8) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	J3	J4	J35
NONE	pins 1 & 2 closed	pins 1 & 2 closed	Open
256KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU POWER SUPPLY SELECTION			
Function	J40	J41	J42
5V for Pentium	Jumper blocks	N/A	N/A
5.3V for Pentium	Power module	N/A	N/A
5.3 V for ground	N/A	Power module	N/A
5.3 V for ground	N/A	N/A	Power module