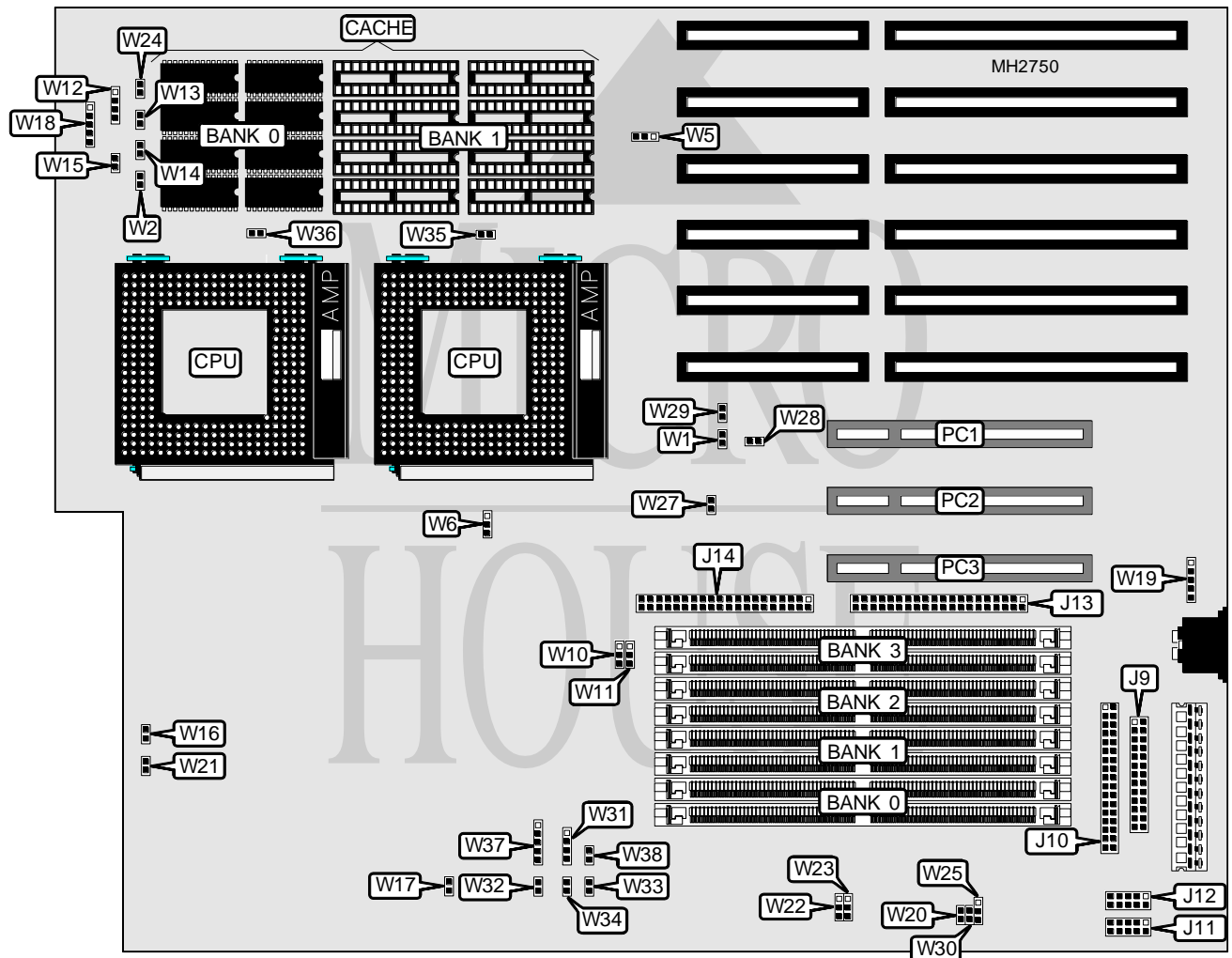


MICRONICS COMPUTERS, INC.

M54PE (REV. 4A)

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



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M54PE (REV. 4A)

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CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J9	Auxiliary keyboard connector	W19
Floppy drive interface	J10	IDE interface LED	W24
Serial port 1	J11	Speaker	W31
Serial port 2	J12	Reset switch	W32
IDE interface (ISA)	J13	Turbo LED	W33
IDE interface (PCI)	J14	Turbo switch	W34
Speaker	W12	Chassis fan power	W35
Reset switch	W13	Chassis fan power	W36
Turbo LED	W14	Power LED & keylock	W37
Turbo switch	W15	IDE interface LED	W38
Power LED & keylock	W18	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Cache type select write back	W1	Open
Cache type select write through	W1	Closed
í Factory configured - do not alter	W2	Open
í Factory configured - do not alter	W11	Closed
í Factory configured - do not alter	W16	pins 1 & 2 closed
í Monitor type select color	W20	Closed
Monitor type select monochrome	W20	Open
í Mainboard version select AT version	W21	Open
Mainboard version select PS/2 version	W21	Closed
í Factory configured - do not alter	W22	N/A
í Factory configured - do not alter	W23	N/A
í Factory configured - do not alter	W27	Open
í PCI IDE interface IRQ14 enabled	W28	Closed
PCI IDE interface IRQ14 disabled	W28	Open
í Factory configured - do not alter	W29	N/A
í Factory configured - do not alter	W30	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	NONE	NONE	NONE
16MB	(2) 1M x 36	(2) 1M x 36	NONE	NONE
16MB	(2) 2M x 36	NONE	NONE	NONE
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	NONE
24MB	(2) 2M x 36	(2) 1M x 36	NONE	NONE
32MB	(2) 4M x 36	NONE	NONE	NONE
32MB	(2) 2M x 36	(2) 2M x 36	NONE	NONE
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	NONE
64MB	(2) 8M x 36	NONE	NONE	NONE
64MB	(2) 4M x 36	(2) 4M x 36	NONE	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36	NONE
72MB	(2) 8M x 36	(2) 1M x 36	NONE	NONE
80MB	(2) 8M x 36	(2) 2M x 36	NONE	NONE
80MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	NONE
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	NONE
104MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
104MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
128MB	(2) 16M x 36	NONE	NONE	NONE
128MB	(2) 8M x 36	(2) 8M x 36	NONE	NONE
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	NONE
256MB	(2) 16M x 36	(2) 16M x 36	NONE	NONE
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	NONE
512MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(8) 32K x 8	NONE
512KB	(8) 32K x 8	(8) 32K x 8

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

CACHE JUMPER CONFIGURATION		
Size	W5	W10
256KB	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION	
Speed	W6
90MHz	pins 1 & 2 closed
100MHz	pins 2 & 3 closed

IDE IRQ CONFIGURATION	
IRQ	W25
IRQ15	pins 2 & 3 closed
IRQ14	pins 1 & 2 closed
Disabled	Open