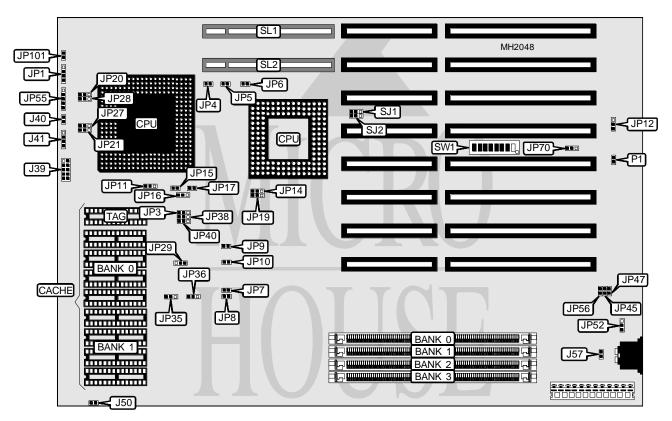
Processor Processor Speed Chip Set Max. Onboard DRAM Cache BIOS Dimensions I/O Options NPU Options 804865X/804875X/80486DX/80486DX2/Pentium Overdrive 25/33/50(internal)50/66(internal)/66MHz OPTI 32/64MB 64/256/512KB AMI 330mm x 218mm 32-bit VESA local bus slots (2) None



CONNECTIONS					
Purpose	Location	Purpose	Location		
Front panel connector	J39	Power LED & keylock	JP55		
IDE interface LED	J40	Turbo switch	JP101		
Turbo LED/reset switch	J41	Video to green connector	P1		
Speaker	JP1	32-bit VESA Local bus slots	SL1 & SL2		

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USER CONFIGURABLE SETTINGS				
Function	Jumper/Switch	Position		
í Green PC password enabled	J57	Open		
Green PC password disabled	J57	Closed		
í VESA bus clock select CPU speed & 1 clock	JP7	Closed		
VESA bus clock select CPU speed	JP7	Open		
í Cache burst mode select 2-1-1-1	JP9	Open		
Cache burst mode select 3-2-2-2	JP9	Closed		
í CPU type select DX/DX2/Overdrive	JP11	pins 2 & 3 closed		
CPU type select Overdrive	JP11	pins 1 & 2 closed		
í CPU type select non SX CPU	JP14	Open		
CPU type select SX CPU	JP14	pins 2 & 3 closed		
í Video card address select C000h-C7FFh disabled	JP47	Open		
Video card address select C000h-C7FFh enabled	JP47	Closed		
í Flash BIOS enabled	JP52	pins 1 & 2 closed		
Flash BIOS disabled	JP52	pins 2 & 3 closed		
í Monitor type select color	JP56	Closed		
Monitor type select monochrome	JP56	Open		
í Keyboard synchronous with CPU	JP70	pins 2 & 3 closed		
Engineer test setting	JP70	pins 1 & 2 closed		
í Factory configured - do not alter.	SW1/7	Off		
í Factory configured - do not alter	SW1/8	Off		

DRAM CONFIGURATION (30PIN)					
Size	Bank 0	Bank 1			
4MB	(4) 1M x 9	NONE			
8MB	(4) 1M x 9	(4) 1M x 9			
16MB	(4) 4M x 9	NONE			
20MB	(4) 1M x 9	(4) 4M x 9			
32MB	(4) 4M x 9	(4) 4M x 9			
Note: This board was manufactured with either 8 banks of 30 pin SIMM sockets or 4 banks of 72 pin SIMM sockets. Mainboard drawing depicts 72 pin SIMM sockets. If mainboard has 30 pin SIMM sockets, use the above table.					

DRAM CONFIGURATION (72 PIN)						
Size	Bank 0	Bank 1	Bank 2	Bank 3		
2MB	(1) 512K x 36	NONE	NONE	NONE		
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE		
4MB	(1) 1M x 36	NONE	NONE	NONE		
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE		
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE		
8MB	(1) 2M x 36	NONE	NONE	NONE		
10MB	(1) 512K x 36	(1) 2M x 36	NONE	NONE		
12MB	(1) 1M x 36	(1) 2M x 36	NONE	NONE		
12MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	NONE		
14MB	(1) 512K x 36	(1) 1M x 36	(1) 2M x 36	NONE		

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DRAM CONFIGURATION (72 PIN, CON'T)							
Size	Size Bank 0 Bank 1 Bank 2 Bank 3						
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE			
16MB	(1) 4M x 36	NONE	NONE	NONE			
16MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	NONE			
18MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	NONE			
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36			
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	NONE			
22MB	(1) 512K x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36			
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36			
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE			
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE			
26MB	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36			
28MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36			
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE			
32MB	(1) 8M x 36	NONE	NONE	NONE			
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36			
32MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	NONE			
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36			
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36			
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE			
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36			
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE			
sockets. Ma							

CACHE CONFIGURATION					
Size Bank 0 Bank 1 TAG					
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8		
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8		
512KB	(4) 128K x 8	NONE	(1) 32K x 8		

	CACHE JUMPER CONFIGURATION								
Size	JP20	JP21	JP27	JP28	JP29	JP35	JP36	JP38	JP40
64KB	1&2	1&2	1&2	1&2	2&3	2&3	2&3	1&2	2&3
256KB	1&2	2&3	2&3	2&3	2&3	2&3	2&3	1&2	2&3
512KB	2&3	2&3	2&3	2&3	1&2	1&2	1&2	2&3	1&2
Note: Pin	Note: Pins designated should be in the closed position.								

CPU TYPE CONFIGURATION					
Type JP15 JP16 JP17					
80486SX	Open	pins 2 & 3 closed	Open		
80486DX Closed pins 1 & 2 closed Closed					

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OVERDRIVE/80486SX CONFIGURATION				
Type JP12				
í Both sockets enabled	Open			
80486SX disabled	pins 1 & 2 closed			
Overdrive disabled	pins 2 & 3 closed			

	CPU SPEED CONFIGURATION					
Speed	JP8	JP19	JP50			
25MHz	Closed	pins 1 & 2 closed	N/A			
33MHz	Closed	pins 1 & 2 closed	N/A			
50iMHz	Open	pins 2 & 3 closed	N/A			
50MHz	N/A	N/A	Closed			
66iMHz	Open	pins 2 & 3 closed	N/A			
66MHz	N/A	N/A	Open			

VESA SYSTEM SPEED CONFIGURATION				
CPU speed JP4				
< 33MHz	Open			
>= 33MHz Closed				

VESA WAIT STATE					
Setting	JP5	JP6	JP10		
0 wait states	Open	Open	Open		
1 wait state	Closed	Closed	Closed		

GREEN PC IRQ DETECTION						
IRQ	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
IRQ3	Off	Off	On	Off	Off	Off
IRQ4	Off	Off	Off	Off	On	Off
IRQ6	Off	Off	Off	Off	Off	On
IRQ10	On	Off	Off	Off	Off	Off
IRQ11	Off	On	Off	Off	Off	Off
IRQ14	Off	Off	Off	On	Off	Off

IRQ CONFIGURATION					
IRQ	SJ1	SJ2			
í IRQ5 & IRQ7	pins 1 & 2 closed	pins 1 & 2 closed			
IRQ12 & IRQ15	pins 2 & 3 closed	pins 2 & 3 closed			

EXTENDED READY SIGNAL CONFIGURATION				
CPU Speed	JP3	JP45		
> 33mhz (RDY1)	pins 2 & 3 closed	Closed		
< 25mhz (RDY2)	pins 1 & 2 closed	Open		

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FRONT PANEL PIN OUT CONFIGURATION				
Pin	Assignment			
1	Ground			
2	Power LED			
3	Hard drive LED			
4	Not used			
5	Power			
6	Ground			
7	Turbo LED			
8	Keyboard inhibit			
9	Power			
10	Reset switch			