SEANIX TECHNOLOGY, INC. S895 (VER. 1.0)

Processor 80486SX/80486DX/80486DX2/80486DX4/Pentium Overdrive

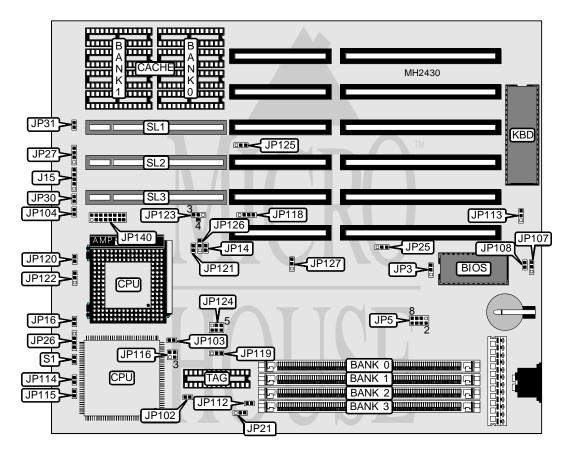
Processor Speed 25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz

Chip SetOPTIMax. Onboard DRAM128MBCache128/256KBBIOSAward

Dimensions 330mm x 218mm

I/O Options 32-bit VESA local bus slots (3)

NPU Options None



CONNECTIONS			
Purpose Location Purpose Location			
Power LED & keylock	J15	Chassis fan power	JP118
Speaker JP27 PAL socket for VL master option JP140			
Turbo switch JP114 Reset switch S1			S1
Turbo LED	JP115	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS			
Function	Jumper	Position	
í Flash BIOS write protect enabled	JP3	pins 1 & 2 closed	
Flash BIOS write protect disabled	JP3	pins 2 & 3 closed	
í Factory configured - do not alter	JP5	pins 1 & 2 closed	
í Cache type select write through	JP14	Open	
Cache type select write back	JP14	Closed	
í Pentium Overdrive level 1 cache select burst write	JP16	Closed	
Pentium Overdrive level 1 cache select disable blen#	JP16	Open	
í Factory configured - do not alter	JP21	pins 2 & 3 closed	
í Programming voltage select +12v	JP107	pins 1 & 2 closed	
Programming voltage select +5v	JP107	pins 2 & 3 closed	
í 1Mbit flash select 512KB bit file at 00000	JP108	Closed	
1Mbit flash select 512KB bit file at 10000	JP108	Open	
í Factory configured - do not alter	JP112	Open	
í Factory configured - do not alter	JP113	Open	
í CPU type select Intel/AMD	JP119	pins 1 & 2 closed	
CPU type select Cyrix M7	JP119	pins 2 & 3 closed	
í CPU type select Intel/AMD	JP120	Open	
CPU type select Cyrix 2X	JP120	Closed	
í Factory configured - do not alter	JP121	Open	
í Factory configured - do not alter	JP122	Open	
í Factory configured - do not alter	JP123	Open	
í Factory configured - do not alter	JP127	pins 2 & 3 closed	

DRAM CONFIGURATION				
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) 512K x 36	(1) 256K x 36	(1) 256K x 36
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) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
14MB	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 1M x 36			
16MB	(1) 4M x 36	NONE	NONE	NONE
18MB	(1) 512K x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 1M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 8M x 36	NONE	NONE	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M 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) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE

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

CACHE JUMPER CONFIGURATION			
Size JP125 JP126			
128KB	pins 1 & 2 closed	pins 1 & 2 closed	
256KB	pins 2 & 3 closed	pins 2 & 3 closed	

CPU TYPE CONFIGURATION		
Туре	JP26	
80486SX	pins 2 & 3 closed	
80486DX	pins 1 & 2, 3 & 4 closed	
80486DX2	pins 1 & 2, 3 & 4 closed	
80486DX4	pins 1 & 2, 3 & 4 closed	
Pentium Overdrive	pins 1 & 2, 3 & 4 closed	

CPU TYPE CONFIGURATION			
Туре	JP25	JP116	
Non - SL enhanced CPU	Open	Open	
SL enhanced CPU	Closed	pins 1 & 2, 3 & 4 closed	

CPU SPEED CONFIGURATION		
Speed	JP124	
25MHz	pins 1 & 2, 5 & 6 closed	
33MHz	pins 1 & 2, 3 & 4 closed	
40MHz	pins 5 & 6 closed	
50iMHz	pins 1 & 2, 5 & 6 closed	
50MHz	pins 3 & 4 closed	
66iMHz	pins 1 & 2, 3 & 4 closed	
75iMHz	pins 1 & 2, 5 & 6 closed	
100iMHz	pins 1 & 2, 3 & 4 closed	



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	CPU	VOLTAGE CONFIGURAT	ION	
Voltage	JP101	JP102	JP103	JP104
3.45v	Open	Open	Open	Open
5v	Closed	Closed	Closed	Closed
Note: The location of JP101 is unidentified.				

VESA WAIT STATE CONFIGURATION		
Wait states JP31		
0 wait states	Open	
1 wait state Closed		

BUS SPEED CONFIGURATION		
CPU speed JP30		
<= 33MHz	Open	
> 33MHz	Closed	