UNIDENTIFIED
MS-4125 VERSION 2.1

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)MHz
Chip Set	Contaq
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	254mm x 220mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None
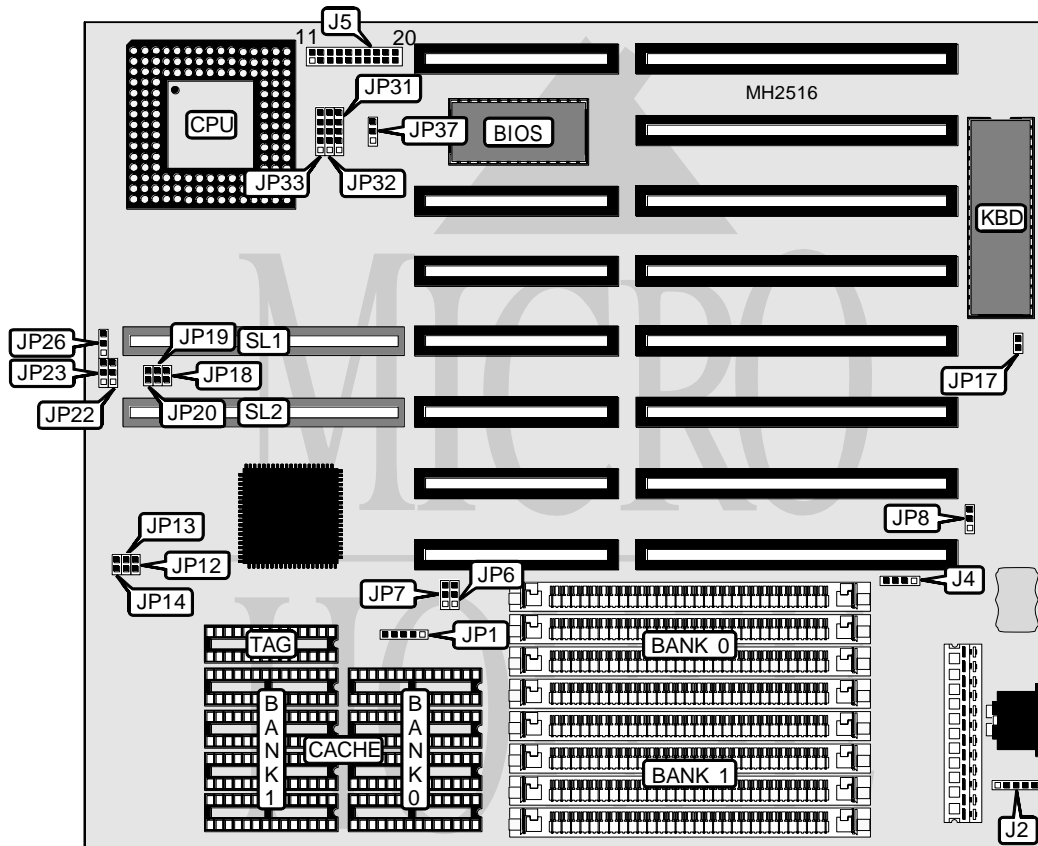
CONNECTIONS			
Purpose	Location	Purpose	Location
Auxiliary keyboard connector	J2	Turbo LED	J5 pins 12 - 13
External battery	J4	Turbo switch	J5 pins 15 - 17
Power LED & keylock	J5 pins 1 - 5	Reset switch	J5 pins 19 - 20
Speaker	J5 pins 6 - 10	32-bit VESA local bus slots	SL1 & SL2

Continued on next page. . .

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	J4	pins 2 & 3 closed
Battery type select external	J4	Closed
í Monitor type select monochrome	JP17	Open
Monitor type select color	JP17	Closed
í Factory configured - do not alter	JP23	pins 1 & 2 closed
í Factory configured - do not alter	JP26	pins 1 & 2 closed
í Factory configured - do not alter	JP37	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 4M x 9	(4) 256K x 9
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

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

CACHE JUMPER CONFIGURATION			
Size	JP1	JP6	JP7
64KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
128KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
256KB	pins 4 & 5 closed	pins 1 & 2 closed	pins 1 & 2 closed

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CPU TYPE CONFIGURATION			
Type	JP31	JP32	JP33
80486SX (PQFP)	Open	Open	pins 1 & 2 closed
80486SX (PGA)	pins 3 & 4 closed	Open	pins 2 & 3, 4 & 5 closed
ODP486SX	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 2 & 3, 4 & 5 closed
80487SX	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 2 & 3, 4 & 5 closed
80486DX (PQFP)	pins 1 & 2 closed	pins 4 & 5 closed	pins 1 & 2 closed
80486DX (PGA)	pins 2 & 3, 4 & 5 closed	pins 2 & 3 closed	pins 2 & 3, 4 & 5 closed
80486DX2	pins 2 & 3, 4 & 5 closed	pins 2 & 3 closed	pins 2 & 3, 4 & 5 closed
Pentium Overdrive	pins 2 & 3, 4 & 5 closed	pins 1 & 2 closed	pins 2 & 3, 4 & 5 closed
Note: Depending on board revision, it will have either a PGA or PQFP socket.			

CPU SPEED CONFIGURATION				
Speed	JP8	JP12	JP13	JP14
25MHz	pins 2 & 3 closed	Open	Open	Closed
33MHz	pins 1 & 2 closed	Closed	Open	Open
40MHz	pins 1 & 2 closed	Closed	Closed	Open
50iMHz	pins 2 & 3 closed	Open	Open	Closed
50MHz	pins 1 & 2 closed	Open	Closed	Open
66iMHz	pins 1 & 2 closed	Closed	Open	Open

VESA WAIT STATE CONFIGURATION	
Wait states	JP19
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP20
<= 33MHz	Open
> 33MHz	Closed

VESA CARD TYPE CONFIGURATION		
Card type	JP18	JP22
Normal	Closed	pins 1 & 2 closed
Weitek P9000	Open	pins 2 & 3 closed