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HINT-486WB

Processor	CXM6/80486SX/80487SX/80486DX/80486DX2
Processor Speed	25/33/40/50/66(internal)MHz
Chip Set	HINT
Max. Onboard DRAM	64MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	230mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None
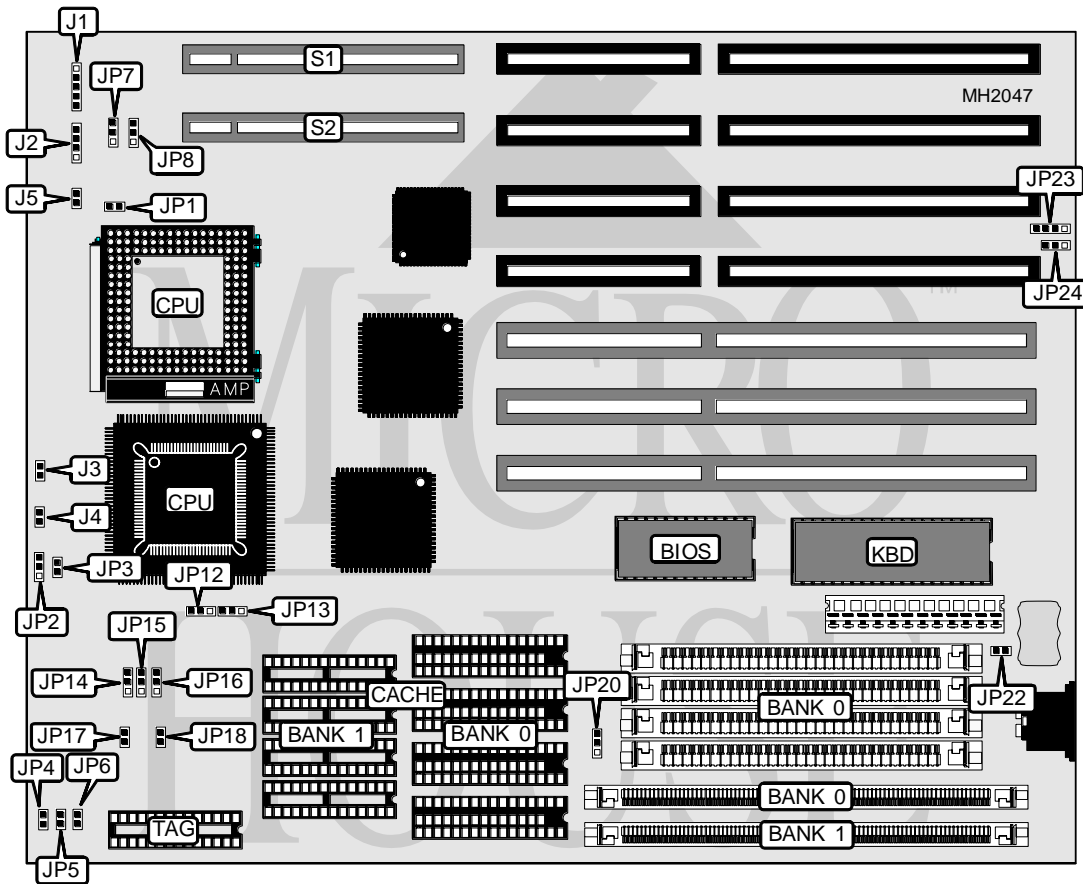
CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J1	Reset switch	J5
Speaker	J2	External battery	JP23
Turbo LED	J3	32-bit VESA Local bus slots	S1, S2
Turbo switch	J4		

Continued next page...

UNIDENTIFIED
HINT-486WB

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
Enable 486 PQFP CPU	JP1	Closed
Disable 486 PQFP CPU	JP1	Open
CPU type jumper use CPURSTA	JP8	pins 1 & 2 closed
CPU type jumper use RESET	JP8	pins 2 & 3 closed
í Standard VESA card installed	JP15	pins 1 & 2 closed
Special VESA card for 486-50MHz installed	JP15	pins 2 & 3 closed
í Monitor type select color	JP22	Closed
Monitor type select monochrome	JP22	Open

DRAM CONFIGURATION			
Size	Bank 0	Bank 0 (72-pin)	Bank 1
1MB	(4) 256K x 9	NONE	NONE
1MB	NONE	(1) 256K x 36	NONE
2MB	(4) 256K x 9	NONE	(1) 256K x 36
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
5MB	(4) 256K x 9	NONE	(1) 1M x 36
8MB	(4) 1M x 9	NONE	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE
20MB	(4) 4M x 9	NONE	(1) 1M x 36
64MB	(4) 16M x 9	NONE	NONE
Note: When installing DRAM on the motherboard, completely fill Bank 0 first, then fill Bank 1, otherwise the motherboard will not operate.			

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	NONE	(4) 32K x 8	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8/(1) 16K x 8
256KB	(4) 64K x 8	NONE	(1) 32K x 8/(1) 16K x 8

CACHE JUMPER CONFIGURATION						
Size	JP4	JP5	JP6	JP12	JP13	JP20
64KB	Open	Open	Open	pins 1 & 2	pins 1 & 2	pins 1 & 2
128KB	Open	Closed	Closed	pins 2 & 3	pins 2 & 3	pins 1 & 2
256KB	Closed	Closed	Closed	pins 2 & 3	pins 2 & 3	pins 2 & 3
256KB	Closed	Closed	Closed	pins 2 & 3	pins 2 & 3	pins 1 & 2

UNIDENTIFIED
HINT-486WB

CPU TYPE CONFIGURATION			
CPU Type	JP2	JP3	JP7
CXMX6	pins 2 & 3 closed	Open	Open
80486SX	pins 2 & 3 closed	Open	Open
80487SX	pins 1 & 2 closed	Closed	pins 2 & 3 closed
80486DX	pins 1 & 2 closed	Closed	pins 1 & 2 closed
80486DX2	pins 1 & 2 closed	Closed	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2 closed	Closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION				
CPU Speed	JP14	JP16	JP17	JP18
80486DX-25	pins 1 & 2 closed	pins 1 & 2 closed	Closed	Open
80486DX-33	pins 1 & 2 closed	pins 1 & 2 closed	Open	Closed
80486DX-40	pins 1 & 2 closed	pins 1 & 2 closed	Open	Open
80486DX-50	pins 2 & 3 closed	pins 2 & 3 closed	Closed	Open

EXTERNAL BATTERY TYPE CONFIGURATION		
Battery Type	JP23	JP24
Internal battery w/Ni-Cad	pins 2 & 3 closed	pins 1 & 2 closed
Internal battery w/Lithium	pins 2 & 3 closed	pins 2 & 3 closed
Clear CMOS setup	pins 3 & 4 closed	pins 1 & 2 closed
Note: JP24 must be returned to its original position (pins 2 & 3 closed) after CMOS clear.		