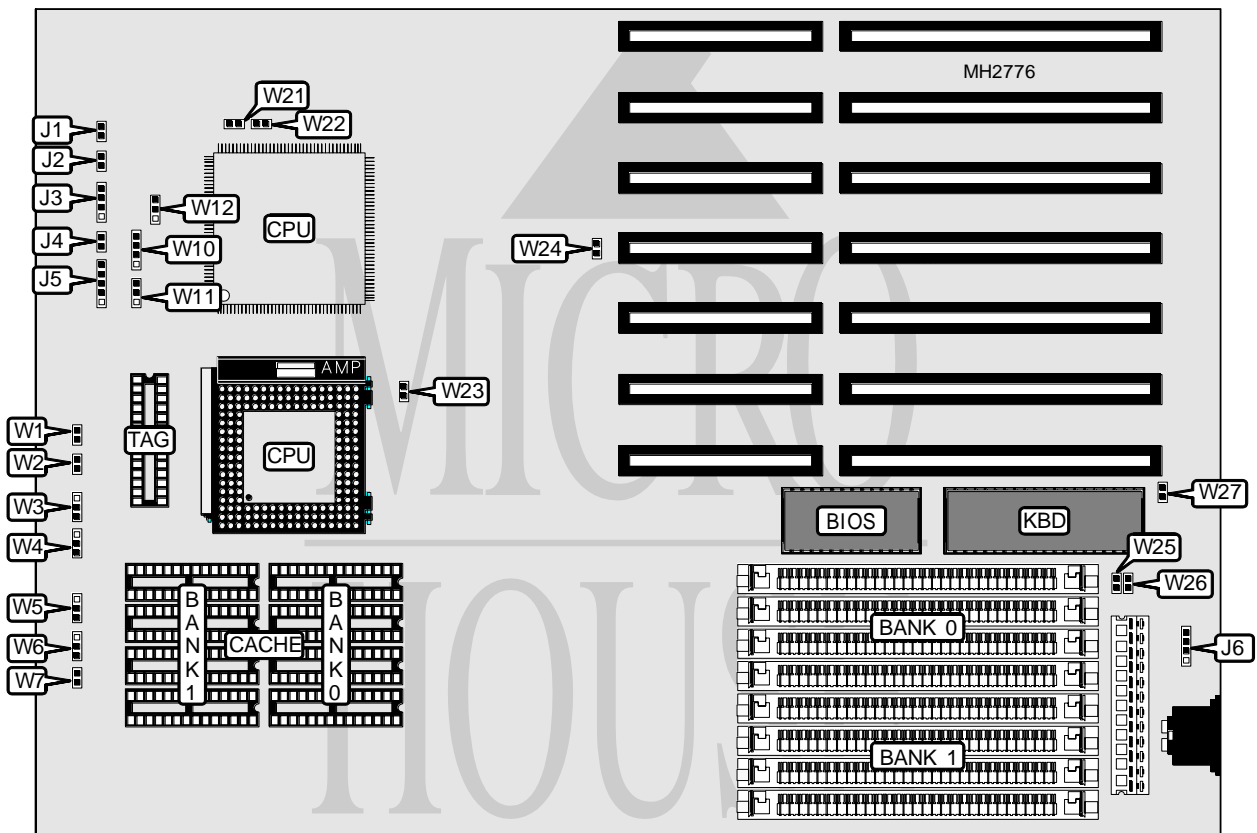


IPC CORPORATION, LTD.

IPC VALUEMAGIC SERIES DESKTOP

MB486HE#21

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	None
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Reset switch	J4
Turbo LED	J2	Power LED & keylock	J5
Speaker	J3	External battery	J6

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í High speed write wait state select 1 wait state	W22	Closed
High speed write wait state select 0 wait states	W22	Open
í Factory configured - do not alter	W23	Open
í CPU clock select 1x	W24	Open
CPU clock select 2x	W24	Closed
í Factory configured - do not alter	W25	Open
í Monitor type select color	W26	Closed
Monitor type select monochrome	W26	Open
í CMOS memory normal operation	W27	Closed
CMOS memory clear	W27	Open

DRAM CONFIGURATION		
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
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	W1	W2	W3	W4	W5	W6	W7
64KB	Closed	Closed	1 & 2	1 & 2	1 & 2	Open	Open
128KB	Closed	Closed	2 & 3	1 & 2	2 & 3	1 & 2	Open
256KB	Closed	Closed	2 & 3	2 & 3	1 & 2	2 & 3	Open

Note: Pins designated should be in the closed position..

CACHE JUMPER CONFIGURATION (CON'T)								
Size	W13	W14	W15	W16	W17	W18	W19	W20
64KB	Open	Open	Open	Open	Open	Open	Open	Open
128KB	Closed	Open	Open	Open	Open	Open	Open	Closed
256KB	Closed	Closed	Open	Open	Open	Open	Closed	Closed

Note: The location of the above jumpers are unidentified.

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CPU TYPE CONFIGURATION					
Type	W8	W9	W10	W11	W12
80486SX (PQFP)	1 & 2	Open	Open	1 & 2	Open
80486SX (PGA)	Open	Open	2 & 3	Open	2 & 3
ODP486SX	1 & 2	Open	1 & 2, 3 & 4	Open	1 & 2
80487SX	1 & 2	Open	1 & 2, 3 & 4	Open	1 & 2
80486DX (PQFP)	2 & 3	Closed	Closed	1 & 2	Open
80486DX (PGA)	2 & 3	Open	1 & 2, 3 & 4	Open	2 & 3
80486DX2	2 & 3	Open	1 & 2, 3 & 4	Open	2 & 3
Pentium Overdrive	1 & 2	Open	1 & 2, 3 & 4	Open	1 & 2

Note: Pins designated should be in the closed position. The locations of W8 & W9 are unidentified.

CPU SPEED CONFIGURATION	
Speed	W21
25MHz	Open
33MHz	Open
50iMHz	Closed
66iMHz	Closed