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IPC DYNASTY HE/
IPC VALUEMAGIC SERIES DESKTOP/
IPC VALUEMAGIC SERIES MINITOWER (MB486HE#40)

Processor	80486SX/80486DX/80486DX2/P23N/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	32MB
Cache	128/256KB
BIOS	Phoenix
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None
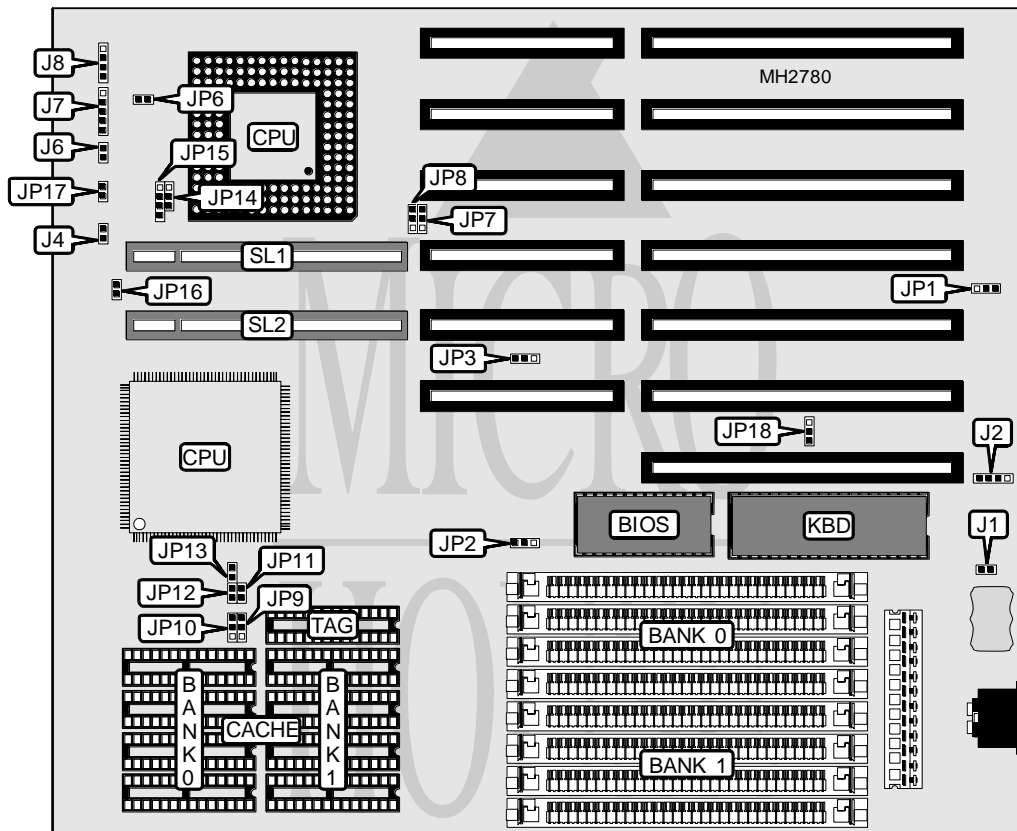
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Speaker	J8
Reset switch	J4	Power LED	JP6
Turbo switch	J6	32-bit VESA local bus slots	SL1 & SL2
Keylock	J7		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	J1	Closed
Battery type select external	J1	Open
í Power good signal detect from board	JP1	pins 1 & 2 closed
Power good signal detect from power supply	JP1	pins 2 & 3 closed
í ELBA# enabled	JP2	pins 1 & 2 closed
LDEV1# enabled	JP2	pins 2 & 3 closed
í Factory configured - do not alter	JP3	pins 1 & 2 closed
í ADS delay select no delay	JP7	pins 1 & 2 closed
ADS delay select 1-T delay	JP7	pins 2 & 3 closed
í CPURDY delay select no delay	JP8	pins 1 & 2 closed
CPURDY delay select 1-T delay	JP8	pins 2 & 3 closed
í PQFP CPU disabled	JP17	Closed
PQFP CPU enabled	JP17	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
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	JP9	JP10	JP11	JP12	JP13
128KB	2 & 3	2 & 3	Open	Closed	Closed
256KB	1 & 2	1 & 2	Closed	Closed	Closed
Note: Pins designated should be in the closed position.					

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CPU TYPE CONFIGURATION		
Type	JP14	JP15
80486SX (PQFP)	Open	pins 3 & 4 closed
80486SX (PGA)	Open	pins 2 & 3 closed
80486DX (PQFP)	Open	pins 3 & 4 closed
80486DX (PGA)	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX2	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
P23N	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed
Pentium Overdrive	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed

CPU SPEED CONFIGURATION	
Speed	JP18
25MHz	pins 2 & 3 closed
33MHz	pins 1 & 2 closed
50iMHz	pins 2 & 3 closed
66iMHz	pins 1 & 2 closed

BUS SPEED CONFIGURATION	
CPU speed	JP16
<= 33MHz	Open
> 33MHz	Closed