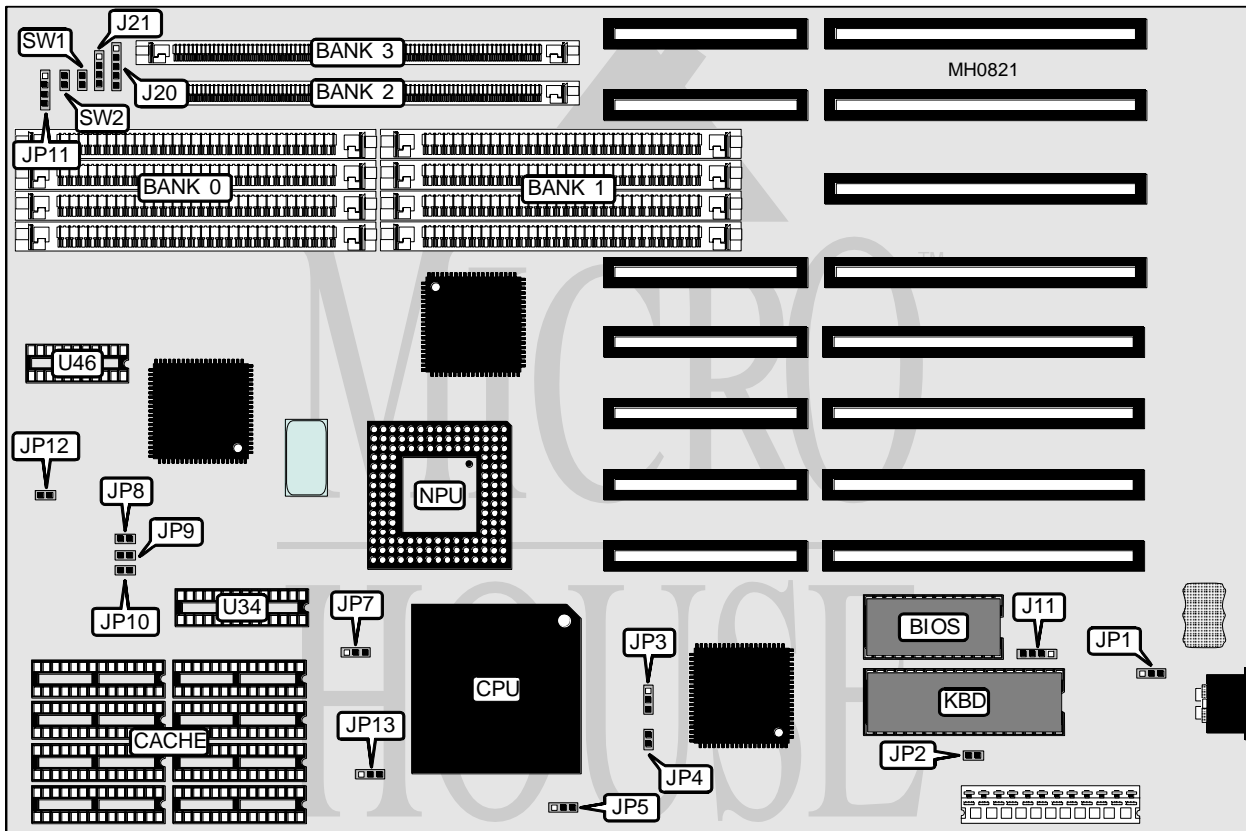


BIOSTAR MICROTECH INTERNATIONAL CORPORATION

MB1420PD/1420PL/1425PD/1425PL/1433PD/ 1433PL/1450PD/1450PL/1450E

Processor	80486SX/80486DX
Processor Speed	20/25/33/50MHz
Chip Set	OPTI
Max. Onboard DRAM	40MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	None
NPU Options	4167



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J11	Turbo LED	JP11
Power LED & keylock	J20	Reset switch	SW1
Speaker	J21	Turbo switch	SW2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
CMOS memory normal operation	JP1	pins 2 & 3 closed
CMOS memory clear	JP1	pins 1 & 2 closed
Monitor type select color	JP2	Closed
Monitor type select monochrome	JP2	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE
5MB	(4) 256K x 9	(4) 1M x 9	NONE	NONE
6MB	(4) 256K x 9	(1) 256K x 36	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 256K x 9	(4) 1M x 9	(1) 1M x 36	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	NONE
13MB	(4) 256K x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
20MB	(4) 4M x 9	(4) 1M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 4M x 9	(1) 1M x 36	NONE
24MB	(4) 1M x 9	(4) 4M x 9	(1) 256K x 36	NONE
24MB	(4) 4M x 9	(4) 1M x 9	(1) 1M x 36	NONE
28MB	(4) 4M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	NONE
40MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36

Note: 36-bit SIMM banks 2 & 3 are not installed on some board versions.

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG (U34)	Dirty Bit (U46)
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	(1) 64K x 1
128KB	(4) 32K x 8	NONE	(1) 8K x 8	(1) 64K x 1
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	(1) 64K x 1

CACHE JUMPER CONFIGURATION					
Size	JP8	JP9	JP10	JP12	JP13
64KB	Open	Open	Open	Open	pins 2 & 3 closed
128KB	Open	Open	Closed	Closed	pins 1 & 2 closed
256KB	Open	Closed	Closed	Closed	pins 2 & 3 closed

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CPU TYPE CONFIGURATION			
Type	JP3	JP4	JP5
80486SX	Open	Open	pins 2 & 3 closed
80486DX	pins 2 & 3 closed	Closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION	
Speed	JP7
20MHz	pins 2 & 3 closed
25MHz	pins 2 & 3 closed
33MHz	pins 2 & 3 closed
50MHz	pins 1 & 2 closed