DIAMOND FLOWER, INC.
3486-UCF REV. C

Processor	80386DX/80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	20/25/33/40/50(internal)/50/66(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	None
NPU Options	80387DX/CX487DLC
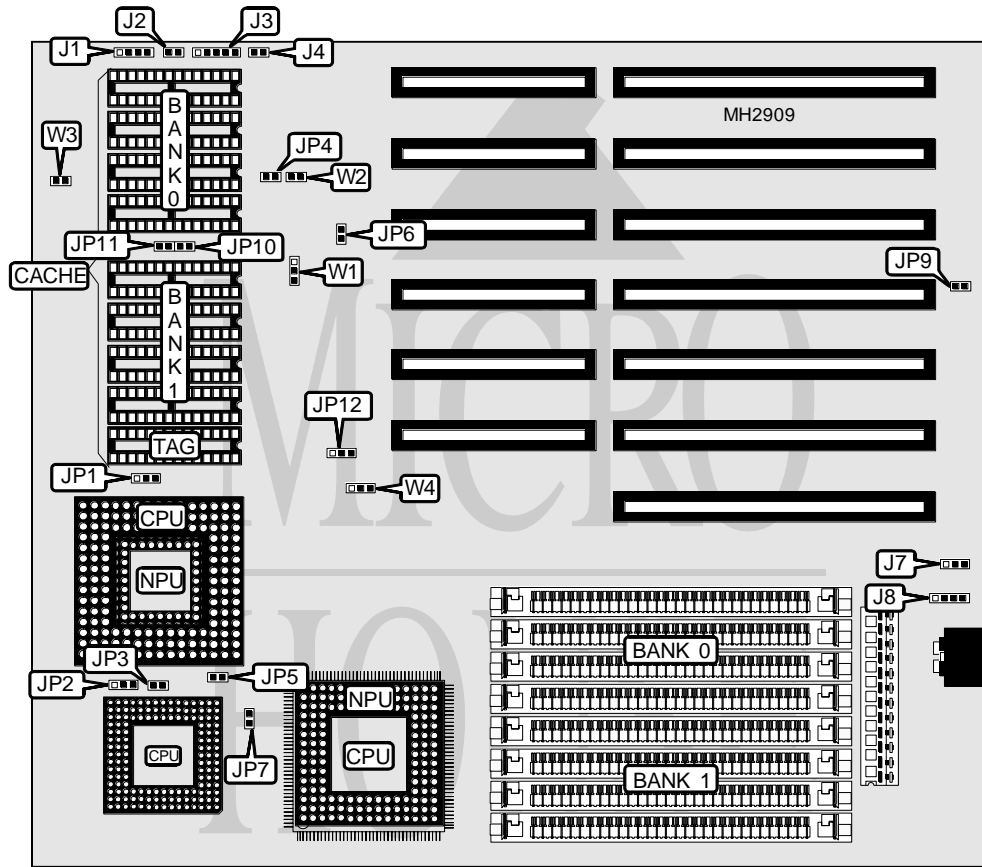
CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J1	Turbo LED	J4
Reset switch	J2	External battery	J8
Power LED & keylock	J3		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	J7	pins 2 & 3 closed
CMOS memory clear	J7	pins 1 & 2 closed
í 80486SX-20 not installed	JP4	Open
80486SX-20 installed	JP4	Closed
í Monitor type select color	JP9	Closed
Monitor type select monochrome	JP9	Open
í 80486DX not installed	JP10	Open
80486DX installed	JP10	Closed
í Pentium Overdrive not installed	JP11	Open
Pentium Overdrive installed	JP11	Closed
í Intel 80386DX-33 or CX486DLC-40 not installed	JP12	pins 2 & 3 closed
Intel 80386DX-33 or CX486DLC-40 installed	JP12	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
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M 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	W1	W2	W3	W4
64KB	pins 2 & 3 closed	Open	Open	pins 1 & 2 closed
128KB	pins 1 & 2 closed	Open	Closed	pins 2 & 3 closed
256KB	pins 2 & 3 closed	Closed	Closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION	
Type	JP6
80386	Open
80486	Closed

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CPU TYPE CONFIGURATION (80486 ONLY)			
Type	JP1	JP2	JP3
80486SX	Open	pins 2 & 3 closed	Open
80487SX	pins 2 & 3 closed	pins 1 & 2 closed	Closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	Closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	Closed

NPU CONFIGURATION (80387)		
Setting	JP5	JP7
Disabled	Open	Open
Enabled	Closed	Closed