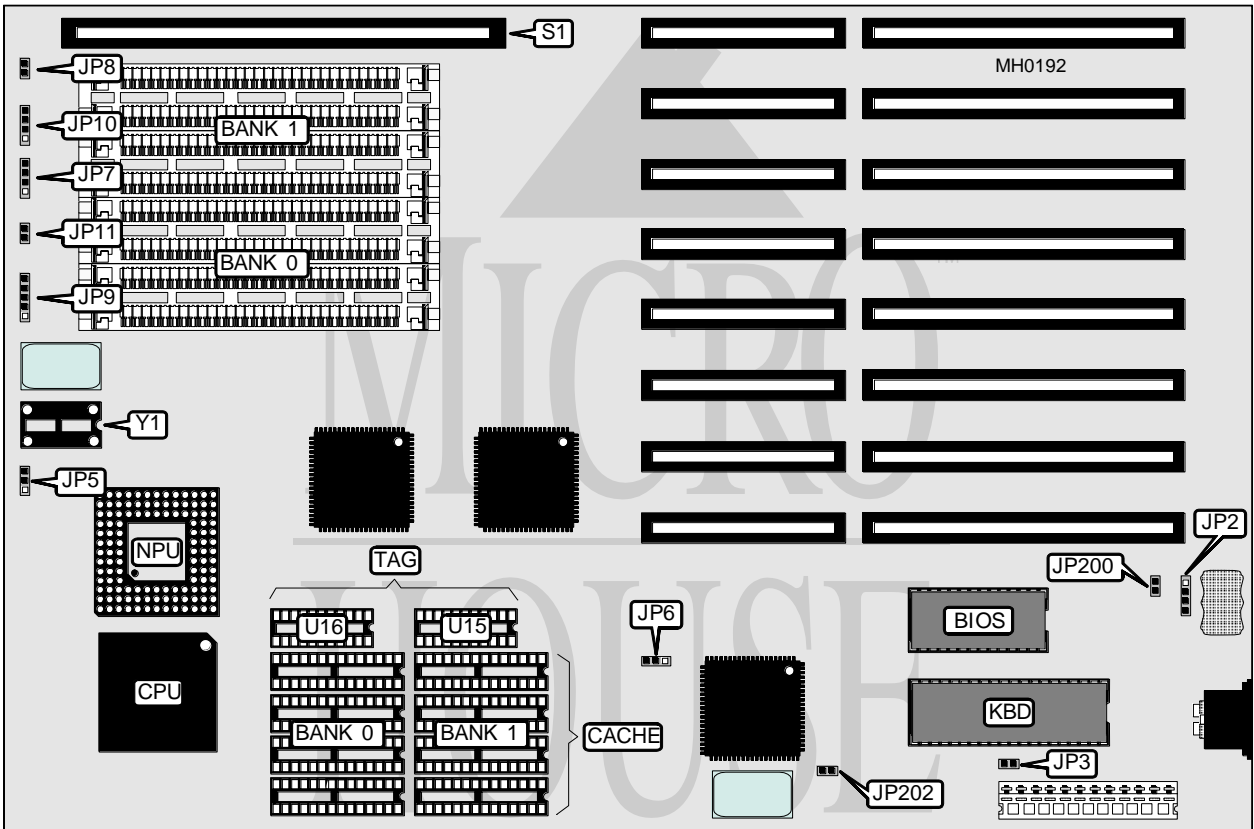


# JPN CORPORATION

## M B 3 8 6 D X - 3 3 / 4 0

**Processor** 80386DX  
**Processor Speed** 33/40MHz  
**Chip Set** Forex  
**Max. Onboard DRAM** 32MB  
**Cache** 32/64/128KB  
**BIOS** AMI  
**Dimensions** 330mm x 218mm  
**I/O Options** 32-bit external memory card  
**NPU Options** 80387/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP2	Speaker	JP10
Turbo LED	JP7	Turbo switch	JP11
Reset switch	JP8	32-bit external memory card	S1
Power LED & keylock	JP9		

Continued on next page . . .

# JPN CORPORATION

## MB386DX-33/40

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP3	Open
Monitor type select monochrome	JP3	Closed
í NPU mode select synchronous with CPU	JP5	pins 1 & 2 closed
NPU mode select synchronous with oscillator installed at Y1	JP5	pins 2 & 3 closed
í External battery select 6VDC	JP200	Open
External battery select 3.6VDC	JP200	Closed
í CMOS memory normal operation	JP202	Open
CMOS memory clear	JP202	Closed

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	(4) 256K x 9	(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	(4) 1M x 9	NONE
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 4M x 9	(4) 1M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	NONE
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9

Note: Banks 2 and 3 are utilized when a 32-bit external memory card is installed at S1.

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	(TAG) U15	(TAG) U16
32KB	(4) 8K x 8	NONE	NONE	(1) 8K x 8
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION	
Size	JP6
32KB	pins 1 & 2 closed
64KB	pins 2 & 3 closed
128KB	pins 2 & 3 closed