ROBOTECH, INC.
G M B - 4 8 6 U N

Processor	80486SX/80486DX/80486DX2
Processor Speed	25/33/50/66MHz
Chip Set	UMC
Max. onboard DRAM	32MB
Cache	32/64/128/256KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	None
NPU Options	None
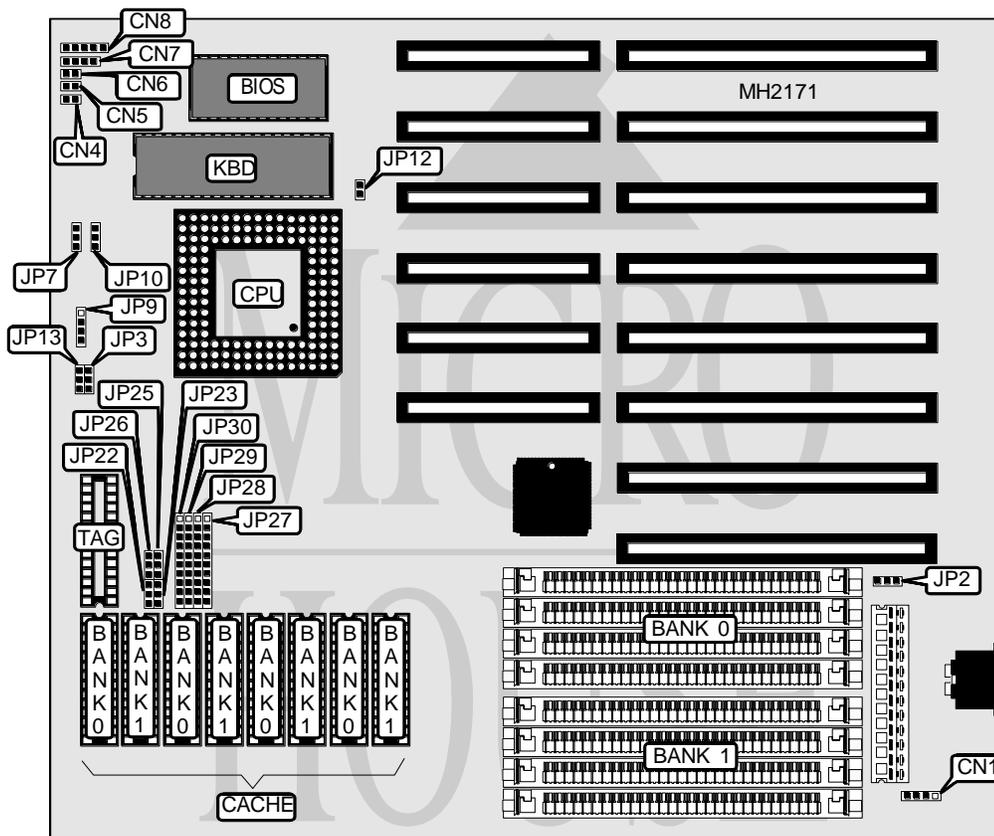
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	CN1	Reset switch	CN6
Turbo LED	CN4	Speaker	CN7
Turbo switch	CN5	Power LED & keylock	CN8

USER CONFIGURABLE SETTINGS		
Function	Switch	Setting
í CMOS memory normal operation	JP2	1 & 2 closed
CMOS memory clear	JP2	2 & 3 closed
í Hardware Emulate KBGA20	JP10	1 & 2 closed
Keyboard controller 8042	JP10	2 & 3 closed
í Monitor type select color	JP12	Closed

Monitor type select monochrome	JP12	Open

ROBOTECH, INC.
GMB-486UN

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) 1M x 9	(4) 1M x 9
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

EPROM TYPE CONFIGURATION				
CPU	JP3	JP7	JP9	JP13
80486SX-25	2 & 3	Open	2 & 3	2 & 3
80486DX-33	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
80486DX-50	2 & 3	1 & 2	1 & 2, 3 & 4	1 & 2
80486DX2-50	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
80486DX2-66	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
Note: Pins designated should be in the closed position.				

CACHE TYPE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
32KB	(4) 8K x 8	NONE	(1) 8K x 8
64KB	(4) 8K x 8	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 SIZE CONFIGURATION				
Size	JP22	JP23	JP25	JP26
32KB	2 & 3	Open	2 & 3	2 & 3
64KB	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
128KB	2 & 3	1 & 2	1 & 2, 3 & 4	1 & 2
256KB	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
Note: Pins designated should be in the closed position.				

CACHE SIZE CONFIGURATION (CON'T)		
Size	JP27	JP28
32KB	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
64KB	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10
128KB	Open	Open
256KB	Open	Open
Note: Pins designated should be in the closed position.		

ROBOTECH, INC.
GMB-486UN

CACHE SIZE CONFIGURATION (CON'T)		
Size	JP29	JP30
32KB	Open	Open
64KB	Open	Open
128KB	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10	Open
256KB	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10
Note: Pins designated should be in the closed position.		