JOINDATA SYSTEMS, INC.
G 4 8 6 U L B

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2
Processor Speed	20/25/33/50(internal)/50/66(internal)MHz
Chip Set	EFAR
Max. Onboard DRAM	32MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit local bus card slots (2)
NPU Options	None
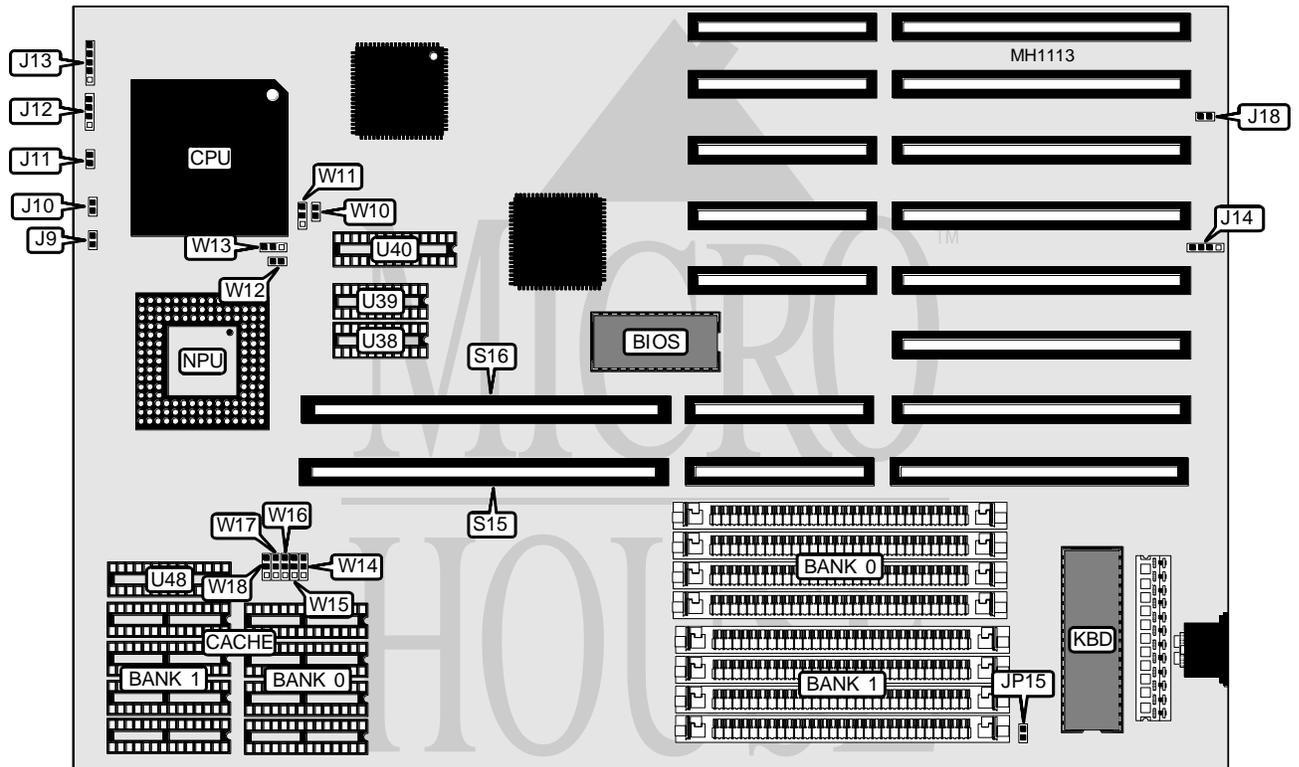
CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J9	Power LED & keylock	J13
Turbo LED	J10	External battery	J14
Turbo switch	J11	32-bit local bus card slots	S15 & S16
Speaker	J12		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J18	Closed
í Factory configured - do not alter	W10	N/A
í Monitor type select color	JP15	pins 1 & 2 closed
Monitor type select monochrome	JP15	pins 2 & 3 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 (U38, U39)	TAG (U40)	Dirty(U48)
64KB	(4) 8K x 8	(4) 8K x 8	(2) 16K x 4	NONE	(1) 16K x 4
64KB	(4) 8K x 8	(4) 8K x 8	NONE	(1) 8K x 8	(1) 16K x 4
128KB	(4) 32K x 8	NONE	(2) 16K x 4	NONE	(1) 16K x 4
128KB	(4) 32K x 8	NONE	NONE	(1) 8K x 8	(1) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	(2) 16K x 4	NONE	(1) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	NONE	(1) 32K x 8	(1) 16K x 4

CACHE JUMPER CONFIGURATION					
Size	W14	W15	W16	W17	W18
64KB	1 & 2	Open	1 & 2	1 & 2	2 & 3
128KB	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
256KB	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION				
Type	OSC1	W11	W12	W13
80486SX-20	20MHz	Open	Open	pins 1 & 2 closed
80486SX-25	25MHz	Open	Open	pins 1 & 2 closed
80486DX-25	25MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
80486DX-33	33MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
80486DX-50	50MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
80486DX2-50	25MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
80486DX2-66	33MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed