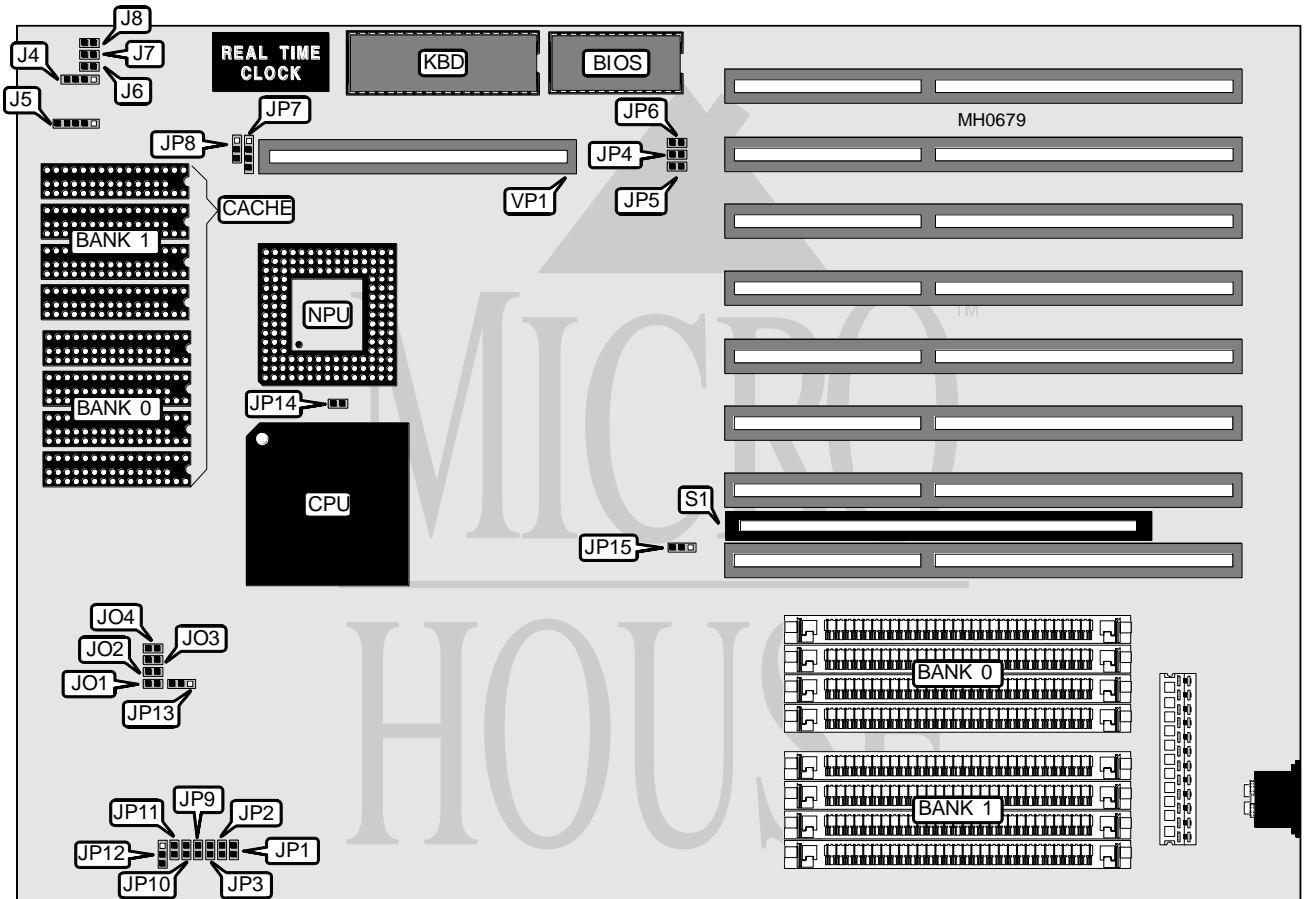


# ADVANCED INTEGRATION RESEARCH, INC.

## 486EO-50/33/25/20 EISA

<b>Processor</b>	80486SX/80487SX/80486DX/ODP486SX/80486DX2
<b>Processor Speed</b>	20/25/33/50/66(internal)MHz
<b>Chip Set</b>	OPTI
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	64/128/256/512KB
<b>BIOS</b>	AMI/Phoenix
<b>Dimensions</b>	309mm x 331mm
<b>I/O Options</b>	32-bit external memory card slot, 32-bit external video card slot
<b>NPU Options</b>	4167



CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J4	Turbo LED	J8
Power LED & Keylock	J5	32-bit external memory card	S1
Reset switch	J6	32-bit external video card	VP1
Turbo switch	J7		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JO3	Open
í Factory configured - do not alter	JO4	Open
í Monitor type select monochrome	JP6	Open
Monitor type select color	JP6	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(4) 1M x 9	NONE	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	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) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
28MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
52MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE	NONE	NONE
128MB	(4) 16M x 9	(4) 16M x 9	NONE	NONE
192MB	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9	NONE
256MB	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9

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

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
64KB	(4) 8K x 8	(4) 8K x 8
128KB	(4) 32K x 8	NONE
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 128K x 8	NONE

CACHE JUMPER CONFIGURATION							
Size	JP1	JP2	JP3	JP9	JP10	JP11	JP12
64K	Open	Open	Open	Open	Open	Open	2 & 3
128K	Closed	Open	Open	Closed	Open	Open	1 & 2
256K	Closed	Closed	Open	Closed	Open	Closed	2 & 3
512K	Closed	Closed	Closed	Closed	Closed	Closed	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION		
Type	JP7	JP8
80486SX	pins 2 & 3 closed	open
80487SX	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
80486DX	pins 1 & 2 and 3 & 4 closed	pins 2 & 3 closed
ODP486SX	pins 1 & 2 and 3 & 4 closed	pins 1 & 2 closed
80486DX2	pins 1 & 2 and 3 & 4 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION							
Speed	JO1	JO2	JP4	JP5	JP13	JP14	JP15
20MHz	Open	Closed	Open	Open	2 & 3	Closed	2 & 3
25MHz	Open	Open	Open	Open	2 & 3	Closed	1 & 2
33MHz	Open	Closed	Open	Closed	2 & 3	Open	1 & 2
50MHz	Open	Open	Open	Open	2 & 3	Closed	1 & 2
50MHz	Open	Open	Closed	Closed	1 & 2	Open	1 & 2
66MHz	Open	Closed	Open	Closed	2 & 3	Open	1 & 2