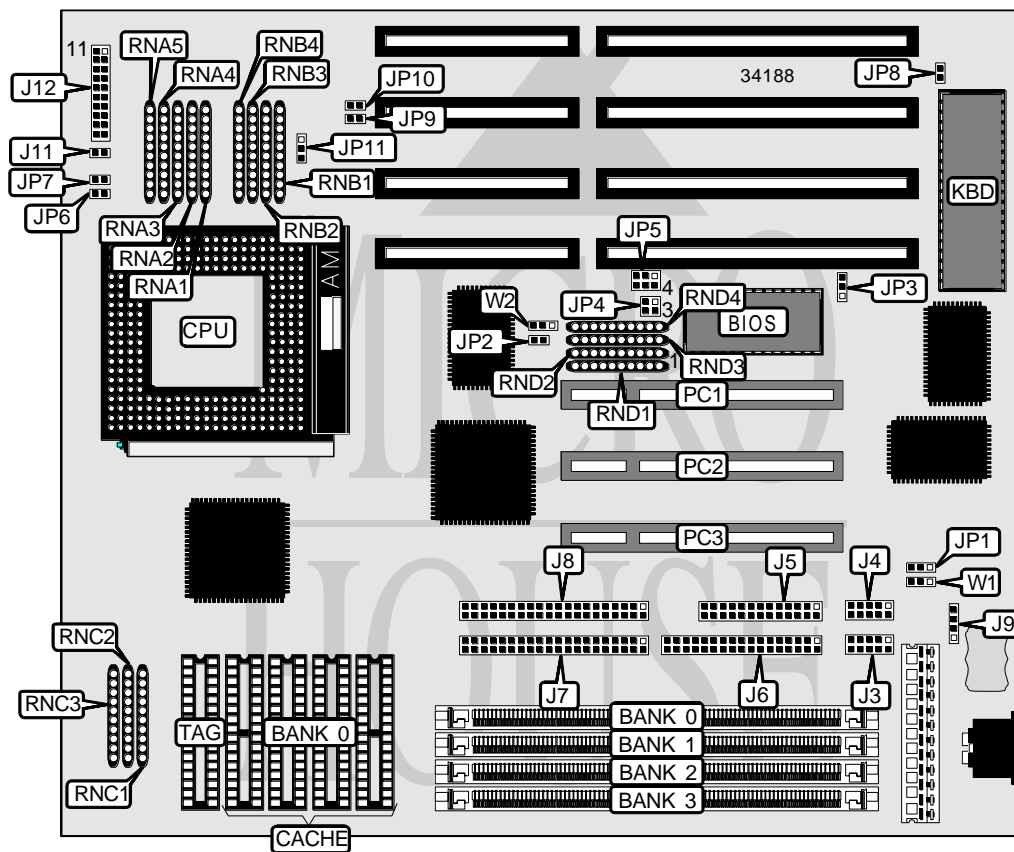



TMC RESEARCH CORPORATION

PCI48AL (VER 0.10D)

Processor	80486SX/SL80486SX/ODP486/80487SX/CX M7/AM486DXL(WT)/ 80486DX/SL80486DX/CX M8/80486DX2/SL80486DX2/ AM486DX4(WB)/P24C/P24CT/P24D/P24T
Processor Speed	25/33/40/50(internal)/66(internal)80(internal)/100(internal) MHz
Chip Set	ALI
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	128/256KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None




 LOCATION UNIDENTIFIED

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CONNECTI4vONS			
Purpose	Location	Purpose	Location
Serial port 2	J3	Speaker	J12 pins 1 – 4
Serial port 1	J4	Turbo switch	J12 pins 7 & 17
Parallel port	J5	Turbo LED	J12 pins 8 & 18
Floppy drive interface	J6	Reset switch	J12 pins 9 & 19
IDE interface	J7	IDE interface LED	J12 pins 10 & 20
IDE interface	J8	Power LED & keylock	J12 pins 11 - 15
External battery	J9	32-bit PCI slots	PC1 – PC3
Green PC connector	J10		

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
í Factory configured - do not alter	J11	Unidentified	
Battery type select external	JP1	Open	
CMOS memory clear	JP1	Pins 1 & 2 closed	
Battery type select internal	JP1	Pins 2 & 3 closed	
IDE interface enabled	JP2	Closed	
IDE interface disabled	JP2	Open	
BIOS type select EPROM	JP3	Pins 2 & 3 closed	
BIOS type select flash BIOS	JP3	Pins 1 & 2 closed	
Monitor type select color	JP8	Closed	
Monitor type select monochrome	JP8	Open	
í Factory configured - do not alter	W1	Unidentified	
í Factory configured - do not alter	W2	Unidentified	

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	None	None
2MB	(1) 512K x 36	None	None	None
4MB	(1) 1M x 36	None	None	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	None	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	None	(1) 512K x 36	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	None
6MB	(1) 512K x 36	None	(1) 1M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 2M x 36	None	None	None
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 512K x 36	None	(1) 1M x 36	(1) 1M x 36
10MB	(1) 512K x 36	None	(1) 2M x 36	None
12MB	(1) 1M x 36	None	(1) 2M x 36	None
16MB	(1) 4M x 36	None	None	None

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	None	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	None	(1) 2M x 36	None
17MB	(1) 256K x 36	(1) 4M x 36	None	None
20MB	(1) 1M x 36	(1) 4M x 36	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	(1) 8M x 36	None	None	None
64MB	(1) 16M x 36	None	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	None	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	None	(1) 8M x 36	None
128MB	(1) 16M x 36	(1) 16M x 36	None	None
128MB	(1) 32M x 36	None	None	None

CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K x 8
256KB	(2) 64K x 32	(1) 16K x 8

CACHE JUMPER CONFIGURATION			
Size	RNC1	RNC2	RNC3
128KB	Installed	Not installed	Not installed
256KB	Not installed	Installed	Not installed

CPU SPEED SELECTION				
Speed	RND1	RND2	RND3	RND4
25MHz	Pins 1 – 6 installed	Not installed	Not installed	Not installed
33MHz	Not installed	Pins 1 – 6 installed	Not installed	Not installed
40MHz	Not installed	Not installed	Pins 1 – 6 installed	Not installed
50iMHz	Pins 1 – 6 installed	Not installed	Not installed	Not installed
66iMHz	Not installed	Pins 1 – 6 installed	Not installed	Not installed
80iMHz	Not installed	Not installed	Pins 1 – 6 installed	Not installed
100iMHz	Not installed	Pins 1 – 6 installed	Not installed	Not installed

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CPU TYPE SELECTION					
Type	RNA1	RNA2	RNA3	RNA4	RNA5
80486SX	Not installed	Not installed	Installed	Not installed	Not installed
SL80486SX	Not installed	Not installed	Installed	Not installed	Not installed
ODP486	Not installed	Not installed	Not installed	Not installed	Installed
80487SX	Not installed	Not installed	Not installed	Not installed	Installed
CX M7	Installed	Not installed	Not installed	Not installed	Not installed
AM486DXL (WT)	Installed	Not installed	Not installed	Not installed	Not installed
80486DX	Installed	Not installed	Not installed	Not installed	Not installed
SL80486DX	Installed	Not installed	Not installed	Not installed	Not installed
CX M8	Not installed	Installed	Not installed	Not installed	Not installed
80486DX2	Installed	Not installed	Not installed	Not installed	Not installed
SL80486SDX2	Installed	Not installed	Not installed	Not installed	Not installed
AM486DX4 (WB)	Not installed	Installed	Not installed	Not installed	Not installed
P24C	Installed	Not installed	Not installed	Not installed	Not installed
P24CT	Not installed	Not installed	Not installed	Installed	Not installed
P24D	Not installed	Installed	Not installed	Not installed	Not installed
P24T	Not installed	Not installed	Not installed	Installed	Not installed

CPU TYPE SELECTION (CON'T)				
Type	RNB1	RNB2	RNB3	RNB4
80486SX	Installed	Not installed	Not installed	Not installed
SL80486SX	Not installed	Installed	Not installed	Not installed
ODP486	Installed	Not installed	Not installed	Not installed
80487SX	Installed	Not installed	Not installed	Not installed
CX M7	Not installed	Not installed	Installed	Not installed
AM486DXL (WT)	Not installed	Not installed	Not installed	Installed
80486DX	Installed	Not installed	Not installed	Not installed
SL80486DX	Not installed	Installed	Not installed	Not installed
CX M8	Not installed	Installed	Not installed	Not installed
80486DX2	Installed	Not installed	Not installed	Not installed
SL80486SDX2	Not installed	Installed	Not installed	Not installed
AM486DX4 (WB)	Not installed	Installed	Not installed	Not installed
P24C	Not installed	Installed	Not installed	Not installed
P24CT	Not installed	Installed	Not installed	Not installed
P24D	Not installed	Installed	Not installed	Not installed
P24T	Not installed	Installed	Not installed	Not installed

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CPU TYPE SELECTION			
Type	JP6	JP7	JP11
AM486DXL 2X (5v)	Open	Open	Pins 1 & 2 closed
CX486DX2 (3.3v)	Closed	Open	Pins 1 & 2 closed
CX486DX2-V (3.3v)	Open	Open	Pins 2 & 3 closed
CX486DX2/M8 (3.3v)	Closed	Open	Pins 1 & 2 closed
80486DX2	Open	Open	Pins 1 & 2 closed
CX486DX4/M8 (3.3v)	Open	Open	Pins 1 & 2 closed
AM486DX4	Open	Open	Pins 1 & 2 closed
80486DX4	Open	Open	Pins 1 & 2 closed

CPU VOLTAGE SELECTION		
Voltage	JP9	JP10
3.145v – 3.6v	Open	Closed
4v	Closed	Open

DMA CHANNEL SELECTION		
Channel	JP4	JP5
1	Pins 1 & 3 closed	Pins 1 & 4 closed
3	Pins 2 & 4 closed	Pins 2 & 5 closed