

<b>Board Name:</b>	<b>M4P</b>
<b>Part #:</b>	<b>09-00190-xx</b>

Size:	Baby AT (8 1/2" x 13")	Chip Sets:	Intel 82420 PCI set SMC 665 Super I/O
Expansion Slots:	5 16-bit ISA 2 32-bit 120-pin PCI 1 shared PCI ISA	Cache Options:	128K/ 256K (32K x 8 SRAM)
Processor Specifications:	486SX25; SX33, PQFP 486DX33, PGA 486DX2/50; 486DX2/66, PGA	BIOS:	Phoenix BIOS on 1MB flash BIOS Auto detection of memory size
Upgrade CPU:	P24T; 238-pin ZIP socket	IDE Interface:	Resident 40-pin IDE connectors
Memory:	(4) 72-pin SIMM sockets to accommodate:  1MB x 36 (4MB); 2MB x 36 (8MB) 4MB x 36 (16MB); 8MB x 36 (32MB) MAX: 128MB	Floppy Support:	360K, 1.2MB, 1.44MB or 2.88MB
		Communication Ports:	2 on-board 16550 serial ports 1 on-board bi-directional port
		Keyboard:	Standard AT-Style DIN connector

#### Cache Size Selection

Jumper	Configuration	Setting
J52	256K L2 Cache 128 L2 Cache	Pins 2-3 Pins 1-2
J53	256K L2 Cache 128 L2 Cache	Pins 1-2 Pins 2-3
J58	256K L2 Cache 128 L2 Cache	Installed Not Installed
J61	L2 Cache in WT mode L2 Cache in WB mode	Pins 1-2 Pins 2-3

#### On-Board I/O Connectors

Jumper	Configuration	Setting
J14	PCI #3 (Slave, Shared with ISA Slot J6)	
J15	PCI #2 (Master/ Slave)	
J17	PCI #1 (Master/ Slave)	
J27	PCI IRQ 5 IRQ5 Available for ISA	Installed Not Installed
J28	PCI IRQ 11 IRQ11 Available for ISA	Installed Not Installed
J29	PCI IRQ 15 IRQ15 Available for ISA	Installed Not Installed

Jumper	Configuration	Setting
J40	33Mhz 25Mhz	Installed Not Installed
J59	487/P23T/486 P24T	Installed Not Installed
J60	P24T in WB mode P24T in WT mode	Installed Not Installed
J65	P24D All Other CPUs	Installed Not Installed
J66	P24D All Other CPUs	Installed Not Installed
J67	P24C (2x Clock) P24t, P24CT, 487SX, 486SX, P23S, 486DX486DX2, P24C (3x Clock), P24S, and P24S	Installed Not Installed
J68	P24D All Other CPUs	Installed Not Installed
J69	P24T, P24CT, P23S, P24C, P4S, P24S, and P24D 487SX, 486SX, 486DX, and 486DX2	Installed Not Installed
J71	486SX All Other CPUs	Pins 2-3 Pins 1-2, 3-4
J72	P24D P23S, P24C, P4S, and P24S P24T, P24CT, 487SX, 486SX, 486DX and 486DX2	Pins 1-2, 3-4 Pin 2-3 Not Installed

#### Real-Time Settings

#### CPU Selection

Jumper	Function	Setting
W1	Real-Time Clock Installed	IN
W5	To discharge Real-Time Clock For normal operation (default)	IN OUT

4mb	16mb	16mb		36mb
4mb	4mb	16mb	16mb	40mb
16mb	16mb	16mb		48mb
16mb	16mb	16mb	16mb	64mb

### Monitor Selection

Jumper	Function	Setting
W2	Color Mono	IN OUT

### Remaining "W"

Jumper	Function	Setting
W1	Reserved	1-2
W7	Color Monitor Mono Monitor	Short Open
W16	AT Style Keyboard PS/2 Style Keyboard	Open Short
W17	Reserved	1-2
W18	Clear RMA in RTC (may not be present)	Short

### Case and Peripheral Connections

Jumper	Function	Setting
J31	Parallel Port Connector	
J33	Serial Port A	
J34	Serial Port B	
J12	Keyboard Connector	
J6/J7	Power Supply Connector	
J32	IDE Connector	Primary
J31	Floppy Connector	
J3	External Battery	1-battery positive; 2-N/C; 3-GND; 4-GND
J11	Reset Switch	1-GND; 2-GND
J5	Turbo LED	1-Signal; 2-GND
J4	Turbo Switch	1-Signal; 2-GND
J8	Keylock/Power LED	1-Power; 2-N/C; 3-GND; 4-5V DC
J10	Speaker Connector	1-Speaker; 2-N/C 3-GND; 4-5V DC
J13	External Keyboard	1-Keyb lck, 2-data 3-N/C, 4-GND, 5-<+> 5V

### Memory Configuration

Bank 0	Bank 1	Bank 2	Bank 3	Total
4mb				4mb
4mb	4mb			8mb
4mb	4mb	4mb		12mb
4mb	4mb	4mb	4mb	16mb
16mb				16mb
4mb	4mb	16mb		24mb
16mb	16mb			32mb