ABIT COMPUTER CORPORATION
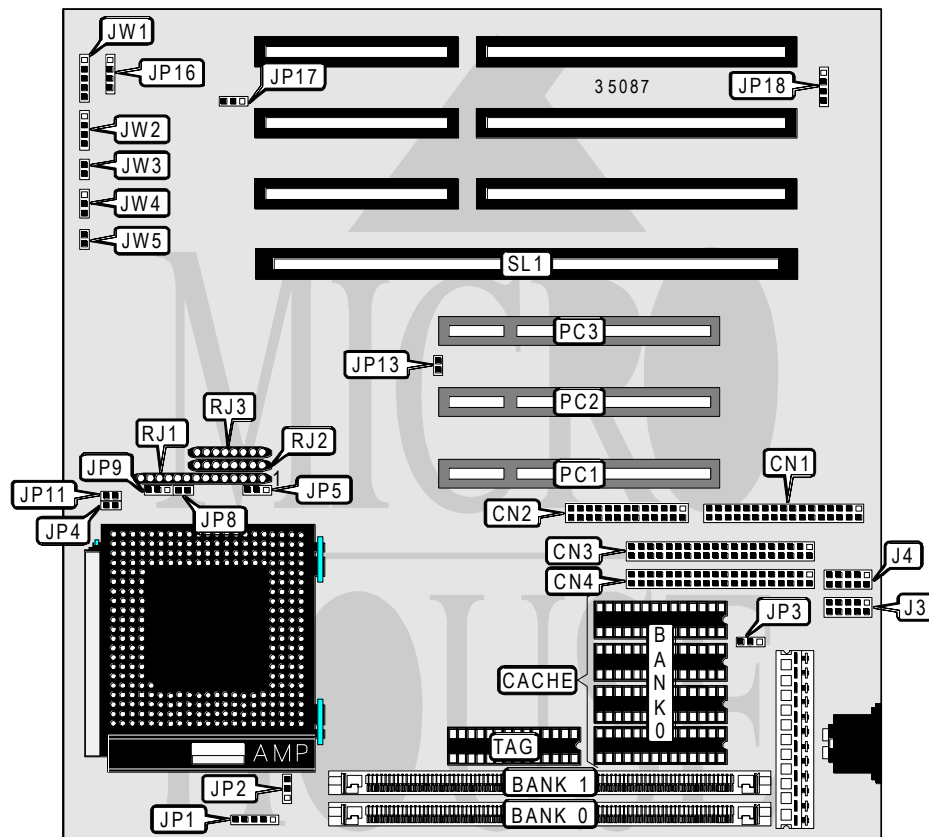# P B 4 (R E V . 1 . 1)

Processor	80486SX/SL AM486DX/80486DX/CX486DX2/AM486DX2/80486DX2/ CX486DX4/80486DX4/CX M1/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/100(internal)/ 120(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	64MB
Cache	128/256KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), PISA slot
NPU Options	None

CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	CN1	Power LED & keylock	JW1
Parallel port	CN2	Speaker	JW2
IDE interface 2	CN3	Turbo LED	JW3
IDE interface 1	CN4	Turbo switch	JW4
Serial port 2	J3	Reset switch	JW5
Serial port 1	J4	32-bit PCI slots	PC1 - PC3
IDE interface LED	JP16	PISA slot	SL1
External battery	JP18		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP12	pins 1 & 2 closed
í Factory configured - do not alter	JP13	Open
í Factory configured - do not alter	JP14	Open
í CMOS memory normal operation	JP17	pins 1 & 2 closed
CMOS memory clear	JP17	pins 2 & 3 closed
Note: The location of jumpers JP12 and JP14 are unidentified.		

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(1) 256K x 36	NONE
2MB	(1) 512K x 36	NONE
2MB	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	(1) 512K x 36
3MB	(1) 512K x 36	(1) 256K x 36
4MB	(1) 1M x 36	NONE
4MB	(1) 512K x 36	(1) 512K x 36
5MB	(1) 256K x 36	(1) 1M x 36
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 512K x 36	(1) 1M x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 2M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36
9MB	(1) 256K x 36	(1) 2M x 36
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 512K x 36	(1) 2M x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 1M x 36	(1) 2M x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36
17MB	(1) 256K x 36	(1) 4M x 36
17MB	(1) 4M x 36	(1) 256K x 36
18MB	(1) 512K x 36	(1) 4M x 36
18MB	(1) 4M x 36	(1) 512K x 36
20MB	(1) 1M x 36	(1) 4M x 36
20MB	(1) 4M x 36	(1) 1M x 36
24MB	(1) 2M x 36	(1) 4M x 36
24MB	(1) 4M x 36	(1) 2M x 36
32MB	(1) 8M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36
33MB	(1) 256K x 36	(1) 8M x 36
33MB	(1) 8M x 36	(1) 256K x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
34MB	(1) 512K x 36	(1) 8M x 36
34MB	(1) 8M x 36	(1) 512K x 36
36MB	(1) 1M x 36	(1) 8M x 36
36MB	(1) 8M x 36	(1) 1M x 36
40MB	(1) 2M x 36	(1) 8M x 36
40MB	(1) 8M x 36	(1) 2M x 36
48MB	(1) 4M x 36	(1) 8M x 36
48MB	(1) 8M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36

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

CACHE JUMPER CONFIGURATION	
Size	JP3
128KB	pins 1 & 2 closed
256KB	pins 2 & 3 closed

CPU TYPE CONFIGURATION			
Type	JP5	JP8	JP9
80486SX	Open	Open	Open
SL AM486DX	pins 2 & 3 closed	Open	pins 1 & 2 closed
80486DX	Open	Open	Open
CX486DX2	pins 1 & 2 closed	Open	pins 2 & 3 closed
AM486DX2	Open	Closed	Open
80486DX2	Open	Open	Open
CX486DX4	pins 1 & 2 closed	Open	pins 2 & 3 closed
AM486DX4	Open	Open	Open
80486DX4	Open	Open	Open
CX M1	pins 2 & 3 closed	Open	pins 1 & 2 closed
P24D	pins 2 & 3 closed	Open	pins 1 & 2 closed
P24T	Open	Open	Open

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CPU TYPE CONFIGURATION			
Type	RJ1	RJ2	RJ3
80486SX	pins 1 - 8 closed	Installed	Not installed
SL AM486DX	pins 3 - 10 closed	Installed	Not installed
80486DX	pins 1 - 8 closed	Installed	Not installed
CX486DX2	pins 1 - 8 closed	Not installed	Installed
AM486DX2	pins 1 - 8 closed	Installed	Not installed
80486DX2	pins 1 - 8 closed	Installed	Not installed
CX486DX4	pins 1 - 8 closed	Not installed	Installed
AM486DX4	pins 1 - 8 closed	Installed	Not installed
80486DX4	pins 1 - 8 closed	Installed	Not installed
CX M1	pins 1 - 8 closed	Installed	Not installed
P24D	pins 3 - 10 closed	Installed	Not installed
P24T	pins 7 - 14 closed	Installed	Not installed
Note: Pins designated should be in the closed position.			

CPU SPEED CONFIGURATION		
Speed	JP4	JP11
25MHz	Open	Open
33MHz	Closed	Closed
40MHz	Closed	Open
50iMHz	Open	Open
66iMHz	Closed	Closed
75iMHz	Open	Open
80iMHz	Closed	Open
100iMHz	Closed	Closed
120iMHz	Closed	Open

CPU VOLTAGE CONFIGURATION		
Voltage	JP1	JP2
3.45v	pins 1 & 2 closed	pins 2 & 3 closed
3.6v	pins 2 & 3 closed	pins 2 & 3 closed
4v	pins 4 & 5 closed	pins 2 & 3 closed
5v	pins 1 & 2 closed	pins 1 & 2 closed