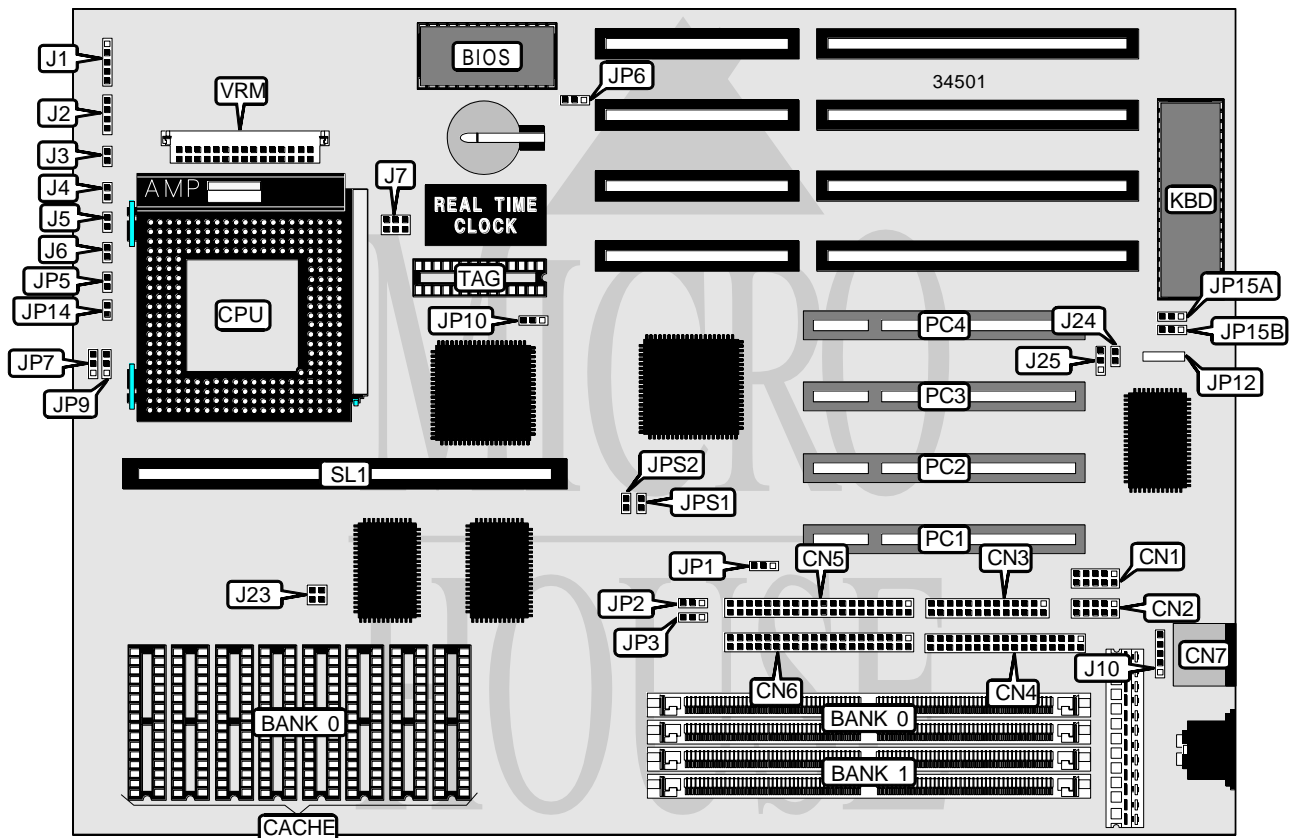


# EPOX COMPUTER CO., LTD.

## P55-IT

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	128MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial ports (2), cache slot, VRM connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	Turbo switch	J4
Serial port 1	CN2	Turbo LED	J5
Parallel port	CN3	Green PC LED	J6
Floppy drive interface	CN4	Chassis fan power	J7
IDE interface 2	CN5	PS/2 mouse interface	J10
IDE interface 1	CN6	IDE interface LED	JP5
PS/2 mouse port	CN7	Green PC connector	JP14
Power LED & keylock	J1	32-bit PCI slots	PC1 – PC4
Speaker	J2	Cache slot	SL1
Reset switch	J3	VRM connector	VRM

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J23	Unidentified
í On board I/O enabled	J24	Open
On board I/O disabled	J24	Closed
IDE 1 IRQ14 enabled	JP2	Pins 1 & 2 closed
IDE 1 IRQ14 disabled	JP2	Pins 2 & 3 closed
IDE 2 IRQ15 enabled	JP3	Pins 1 & 2 closed
IDE 2 IRQ15 disabled	JP3	Pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP6	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP6	Pins 2 & 3 closed
í Factory configured - do not alter	JP12	Unidentified

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB (A)	None	256KB module installed	(1) 8K/16K/32K x 8
256KB (B)	(2) 32K x 32	Not installed	(1) 8K/16K/32K x 8
512KB (A)	(2) 64K x 32	Not installed	(1) 16K/32K x 8
512KB (B)	None	512KB module installed	(1) 8K/16K/32K x 8

CACHE JUMPER CONFIGURATION	
Size	JP10
256KB (A)	Pins 1 & 2 closed
256KB (B)	Pins 1 & 2 closed
512KB (A)	Pins 2 & 3 closed
512KB (B)	Pins 2 & 3 closed

CPU SPEED SELECTION							
CPU speed	Clock speed	Multiplier	J25	JP7	JP9	JPS1	JPS2
75MHz	50MHz	1.5x	1 & 2	2 & 3	2 & 3	Open	Open
90MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	Closed	Open
100MHz	66MHz	1.5x	2 & 3	2 & 3	2 & 3	Closed	Closed
120MHz	60MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Open
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Closed
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	Closed	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	JP1
P54C	Pins 1 & 2 closed
P55C	Pins 2 & 3 closed

KEYBOARD CLOCK SELECTION		
Setting	JP15A	JP15B
í Set by system AT CLOCK	Pins 1 & 2 closed	Pins 1 & 2 closed
Clock rate – 12MHz	Pins 2 & 3 closed	Pins 2 & 3 closed