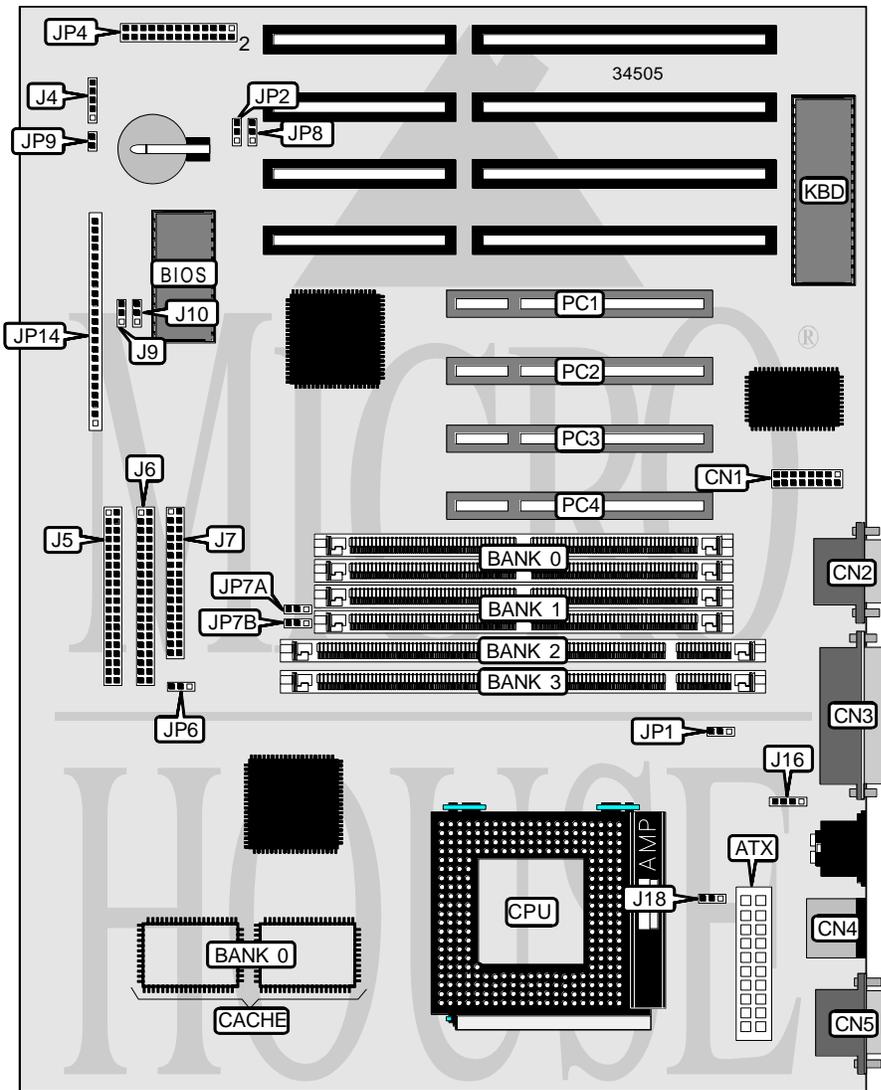


EPOX COMPUTER CO., LTD.
P55-TX

Processor	CX 6X86/AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/180/200/225/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Chassis fan power	JP1
USB connector	CN1	Soft off power supply	JP9
Serial port 2	CN2	Power LED & keylock	JP14/pins 1 – 5
Parallel port	CN3	Speaker	JP14/pins 7 - 10
PS/2 mouse port	CN4	Reset switch	JP14/pins 12 & 13
Serial port 1	CN5	Green PC connector	JP14/pins 15 & 16
IR connector	J4	Green PC LED	JP14/pins 18 & 19
IDE interface 1	J5	Turbo LED	JP14/pins 20 & 21
IDE interface 2	J6	IDE interface LED	JP14/pins 23 & 24
Floppy drive interface	J7	32-bit PCI bus slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Keyboard power on enabled	JP2	Pins 1 & 2 closed
Keyboard power on disabled	JP2	Pins 2 & 3 closed
í Factory configured - do not alter	JP6	Unidentified
í CMOS memory normal operation	JP8	Pins 1 & 2 closed
CMOS memory clear	JP8	Pins 2 & 3 closed

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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

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

DIMM/SIMM VOLTAGE CONFIGURATION		
Voltage	JP7A	JP7B
í 3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION		
Size	Bank 0	TAG
512KB	(2) 64K x 32	Unidentified

Note: The location of the TAG is unidentified.

CPU SPEED SELECTION (CX 6X86)			
CPU speed	Clock speed	Multiplier	JP4
133MHz	66MHz	2x	Pins 23 & 24 closed
150MHz	60MHz	2x	Pins 5 & 6 closed
166MHz	66MHz	2x	Pins 7 & 8 closed
200MHz	66MHz	2x	Pins 25 & 26 closed

CPU SPEED SELECTION (AM K5/K6)			
CPU speed	Clock speed	Multiplier	JP4
90MHz	60MHz	1.5x	Pins 1 & 2 closed
100MHz	66MHz	1.5x	Pins 3 & 4 closed
120MHz	60MHz	2x	Pins 5 & 6 closed
133MHz	66MHz	2x	Pins 7 & 8 closed
150MHz	60MHz	2.5x	Pins 9 & 10 closed
166MHz	66MHz	2.5x	Pins 11 & 12 closed
180MHz	60MHz	3x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 15 & 16 closed
225MHz	75MHz	3.5x	Pins 17 & 18 closed

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CPU SPEED SELECTION (INTEL)			
CPU speed	Clock speed	Multiplier	JP4
90MHz	60MHz	1.5x	Pins 1 & 2 closed
100MHz	66MHz	1.5x	Pins 3 & 4 closed
120MHz	60MHz	2x	Pins 5 & 6 closed
133MHz	66MHz	2x	Pins 7 & 8 closed
150MHz	60MHz	2.5x	Pins 9 & 10 closed
166MHz	66MHz	2.5x	Pins 11 & 12 closed
180MHz	60MHz	3x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 15 & 16 closed
225MHz	75MHz	3.5x	Pins 17 & 18 closed

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	J16
3.3v	Pins 1 & 2 closed
3.45v	Pins 2 & 3 closed
í 3.52v	Pins 3 & 4 closed

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	J16	J18
3.3v	2.5v	Pins 1 & 2 closed	Pins 1 & 2 closed
3.3v	2.8v	Pins 1 & 2 closed	Pins 2 & 3 closed
3.3v	2.9v	Pins 1 & 2 closed	Open
3.45v	2.5v	Pins 2 & 3 closed	Pins 1 & 2 closed
3.45v	2.8v	Pins 2 & 3 closed	Pins 2 & 3 closed
3.45v	2.9v	Pins 2 & 3 closed	Open
3.52v	2.5v	Pins 3 & 4 closed	Pins 1 & 2 closed
í 3.52v	2.8v	Pins 3 & 4 closed	Pins 2 & 3 closed
3.52v	2.9v	Pins 3 & 4 closed	Open

FLASH BIOS SELECTION		
Setting	J9	J10
í 5v	Pins 2 & 3 closed	Pins 2 & 3 closed
12v	Pins 1 & 2 closed	Pins 1 & 2 closed