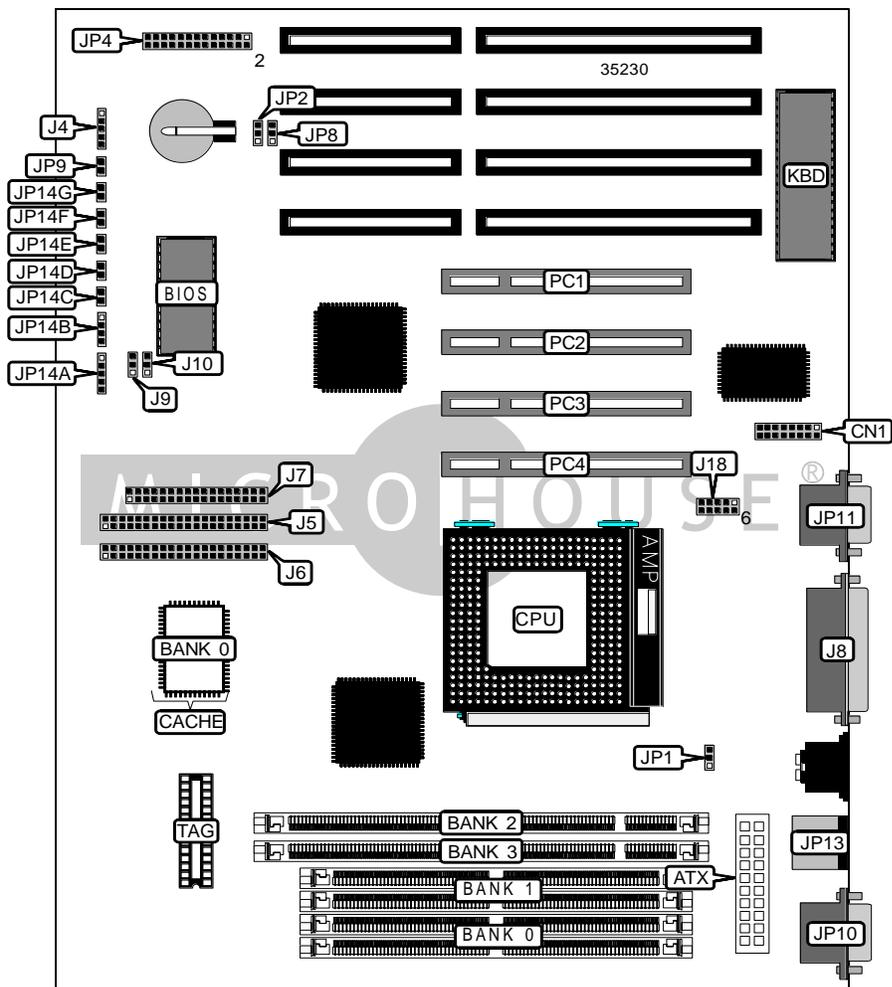


EPOX COMPUTER CO., LTD.

P55-TX 2

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	100/120/133/150/166/188/200/225/233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	305mm x 208mm
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	Serial port 1	JP10
USB connector	CN1	PS/2 mouse port	JP13
IR connector	J4	Power LED & keylock	JP14A
IDE interface 1	J5	Speaker	JP14B
IDE interface 2	J6	Reset switch	JP14C
Floppy drive interface	J7	Green PC connector	JP14D
Parallel port	J8	Green PC LED	JP14E
CPU fan power	JP1	Turbo LED	JP14F
Soft off power supply	JP9	IDE interface LED	JP14G
Serial port 2	J11	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Keyboard power on disabled	JP2	Pins 2 & 3 closed
Keyboard power on enabled	JP2	Pins 1 & 2 closed
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

Note: Board accepts EDO memory.

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DIMM CONFIGURATION		
Size	Bank 2	Bank 3
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

Note: Board accepts EDO & SDRAM memory.

DIMM VOLTAGE CONFIGURATION	
Voltage	JP7
3.3v	Pins 1 & 2, 3 & 4 closed
5v	Pins 5 & 6, 7 & 8 closed

Note: The location of JP7 is unidentified.

CACHE CONFIGURATION		
Size	Bank 0	TAG
512KB	(1) 64K x 64	Unidentified

CPU SPEED SELECTION (CX 6X86)			
CPU speed	Clock speed	Multiplier	JP4
150MHz	60MHz	2x	Pins 3 & 4 closed
166MHz	66MHz	2x	Pins 5 & 6 closed
200MHz	75MHz	2x	Pins 7 & 8 closed

CPU SPEED SELECTION (IBM 6X86)			
CPU speed	Clock speed	Multiplier	JP4
150MHz	60MHz	2x	Pins 3 & 4 closed
166MHz	66MHz	2x	Pins 5 & 6 closed
200MHz	75MHz	2x	Pins 7 & 8 closed

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CPU SPEED SELECTION (CX 6X86L)			
CPU speed	Clock speed	Multiplier	JP4
150MHz	60MHz	2x	Pins 3 & 4 closed
166MHz	66MHz	2x	Pins 5 & 6 closed
200MHz	75MHz	2x	Pins 7 & 8 closed

CPU SPEED SELECTION (IBM 6X86L)			
CPU speed	Clock speed	Multiplier	JP4
150MHz	60MHz	2x	Pins 3 & 4 closed
166MHz	66MHz	2x	Pins 5 & 6 closed
200MHz	75MHz	2x	Pins 7 & 8 closed

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	Clock speed	Multiplier	JP4
166MHz	60MHz	2.5x	Pins 9 & 10 closed
200MHz	66MHz	2.5x	Pins 11 & 12 closed
233MHz	75MHz	2.5x	Pins 13 & 14 closed
233MHz	66MHz	3x	Pins 15 & 16 closed
266MHz	75MHz	3x	Pins 17 & 18 closed
266MHz	66MHz	3.5x	Pins 19 & 20 closed

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	Clock speed	Multiplier	JP4
166MHz	60MHz	2.5x	Pins 9 & 10 closed
200MHz	66MHz	2.5x	Pins 11 & 12 closed
233MHz	75MHz	2.5x	Pins 13 & 14 closed
233MHz	66MHz	3x	Pins 15 & 16 closed
266MHz	75MHz	3x	Pins 17 & 18 closed
266MHz	66MHz	3.5x	Pins 19 & 20 closed

CPU SPEED SELECTION (AM K5)			
CPU speed	Clock speed	Multiplier	JP4
100MHz	66MHz	1.5x	Pins 1 & 2 closed
120MHz	60MHz	2x	Pins 3 & 4 closed
133MHz	66MHz	2x	Pins 5 & 6 closed
150MHz	60MHz	2.5x	Pins 9 & 10 closed
166MHz	66MHz	2.5x	Pins 11 & 12 closed
188MHz	75MHz	2.5x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 15 & 16 closed

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CPU SPEED SELECTION (AM K6)			
CPU speed	Clock speed	Multiplier	JP4
166MHz	66MHz	2.5x	Pins 11 & 12 closed
200MHz	66MHz	3x	Pins 15 & 16 closed
233MHz	66MHz	3.5x	Pins 19 & 20 closed
266MHz	66MHz	4x	Pins 21 & 22 closed
300MHz	60MHz	5x	Pins 23 & 24 closed
333MHz	66MHz	5x	Pins 25 & 26 closed

CPU SPEED SELECTION (INTEL)			
CPU speed	Clock speed	Multiplier	JP4
100MHz	66MHz	1.5x	Pins 1 & 2 closed
120MHz	60MHz	2x	Pins 3 & 4 closed
133MHz	66MHz	2x	Pins 5 & 6 closed
150MHz	60MHz	2.5x	Pins 9 & 10 closed
150MHz	75MHz	2x	Pins 7 & 8 closed
166MHz	66MHz	2.5x	Pins 11 & 12 closed
188MHz	75MHz	2.5x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 15 & 16 closed

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	Clock speed	Multiplier	JP4
166MHz	66MHz	2.5x	Pins 11 & 12 closed
200MHz	66MHz	3x	Pins 15 & 16 closed
233MHz	66MHz	3.5x	Pins 19 & 20 closed

CPU VOLTAGE SELECTION	
Voltage	J18
2.0v	Pins 1 & 6 closed
2.1v	Pins 5 & 10 closed
2.8v	Pins 2 & 7 closed
2.9v	Pins 3 & 8 closed
3.2v	Pins 4 & 9 closed

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