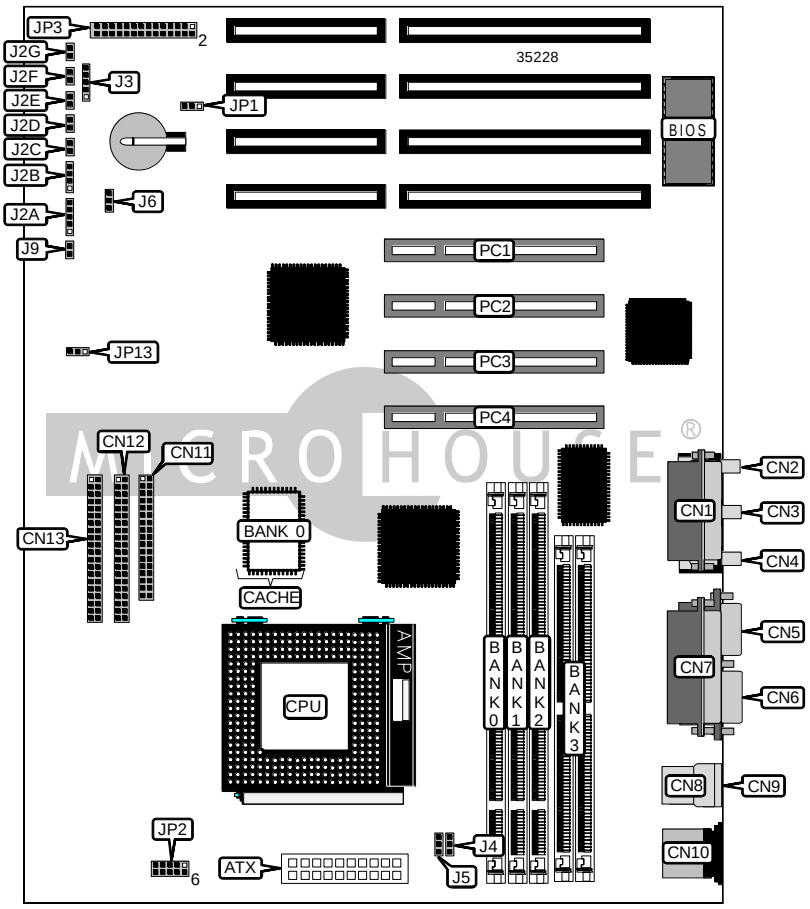
EPOX COMPUTER CO., LTD.
E P - 5 A T X A - M

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/188/200/225/233/266/300/333MHz
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, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Power LED & keylock	J2A
Game/MIDI port	CN1	Speaker	J2B
Microphone in	CN2	Reset switch	J2C
Line in	CN3	Green PC connector	J2D
Line out	CN4	Green PC LED	J2E
Serial port 2	CN5	Turbo LED	J2F
Serial port 1	CN6	IDE interface LED	J2G
Parallel port	CN7	IR connector	J3
USB connector 1	CN8	CPU fan power	J4
USB connector 2	CN9	Power fan power	J5
PS/2 mouse port	CN10	Chassis fan power	J6
Floppy drive interface	CN11	Soft off power supply	J9
IDE interface 1	CN12	32-bit PCI slots	PC1 – PC4
IDE interface 2	CN13		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP1	Pins 1 & 2 closed
CMOS memory clear	JP1	Pins 2 & 3 closed
í Keyboard power on disabled	JP13	Pins 2 & 3 closed
Keyboard power on enabled	JP13	Pins 1 & 2 closed

SIMM CONFIGURATION	
Size	**Bank 3**
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36
Note: Board accepts EDO memory.	

DIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(2) 2M x 64	(1) 1M x 64	None

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DIMM CONFIGURATION (CON'T)			
Size	**Bank 0**	**Bank 1**	**Bank 2**
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.			

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

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CPU SPEED SELECTION (CX 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
150MHz	60MHz	2x	Pins 5 & 6 closed
166MHz	66MHz	2x	Pins 7 & 8 closed
200MHz	75MHz	2x	Pins 9 & 10 closed

CPU SPEED SELECTION (IBM 6X86L)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
150MHz	60MHz	2x	Pins 5 & 6 closed
166MHz	66MHz	2x	Pins 7 & 8 closed
200MHz	75MHz	2x	Pins 9 & 10 closed

CPU SPEED SELECTION (CX 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 7 & 8 closed
166MHz	60MHz	2.5x	Pins 11 & 12 closed
200MHz	75MHz	2x	Pins 9 & 10 closed
200MHz	66MHz	2.5x	Pins 13 & 14 closed
233MHz	75MHz	2.5x	Pins 15 & 16 closed
233MHz	66MHz	3x	Pins 17 & 18 closed
266MHz	75MHz	3x	Pins 19 & 20 closed
266MHz	66MHz	3.5x	Pins 21 & 22 closed

CPU SPEED SELECTION (IBM 6X86MX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2x	Pins 7 & 8 closed
166MHz	60MHz	2.5x	Pins 11 & 12 closed
200MHz	75MHz	2x	Pins 9 & 10 closed
200MHz	66MHz	2.5x	Pins 13 & 14 closed
233MHz	75MHz	2.5x	Pins 15 & 16 closed
233MHz	66MHz	3x	Pins 17 & 18 closed
266MHz	75MHz	3x	Pins 19 & 20 closed
266MHz	66MHz	3.5x	Pins 21 & 22 closed

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CPU SPEED SELECTION (AM K5)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
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 11 & 12 closed
166MHz	66MHz	2.5x	Pins 13 & 14 closed
188MHz	75MHz	2.5x	Pins 15 & 16 closed
200MHz	66MHz	3x	Pins 17 & 18 closed

CPU SPEED SELECTION (AM K6)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 17 & 18 closed
233MHz	66MHz	3.5x	Pins 21 & 22 closed
266MHz	66MHz	4x	Pins 23 & 24 closed
300MHz	66MHz	4.5x	Pins 25 & 26 closed
333MHz	66MHz	5x	Pins 27 & 28 closed

CPU SPEED SELECTION (INTEL)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
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 11 & 12 closed
166MHz	66MHz	2.5x	Pins 13 & 14 closed
188MHz	75MHz	2.5x	Pins 15 & 16 closed
200MHz	66MHz	3x	Pins 17 & 18 closed

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	**Clock speed**	**Multiplier**	**JP3**
166MHz	66MHz	2.5x	Pins 13 & 14 closed
200MHz	66MHz	3x	Pins 17 & 18 closed
233MHz	66MHz	3.5x	Pins 21 & 22 closed

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CPU VOLTAGE SELECTION	
Voltage	**JP2**
2.0v	Pins 1 & 6 closed
2.2v	Pins 5 & 10 closed
í 2.8v	Pins 2 & 7 closed
2.9v	Pins 3 & 8 closed
3.2v	Pins 4 & 9 closed