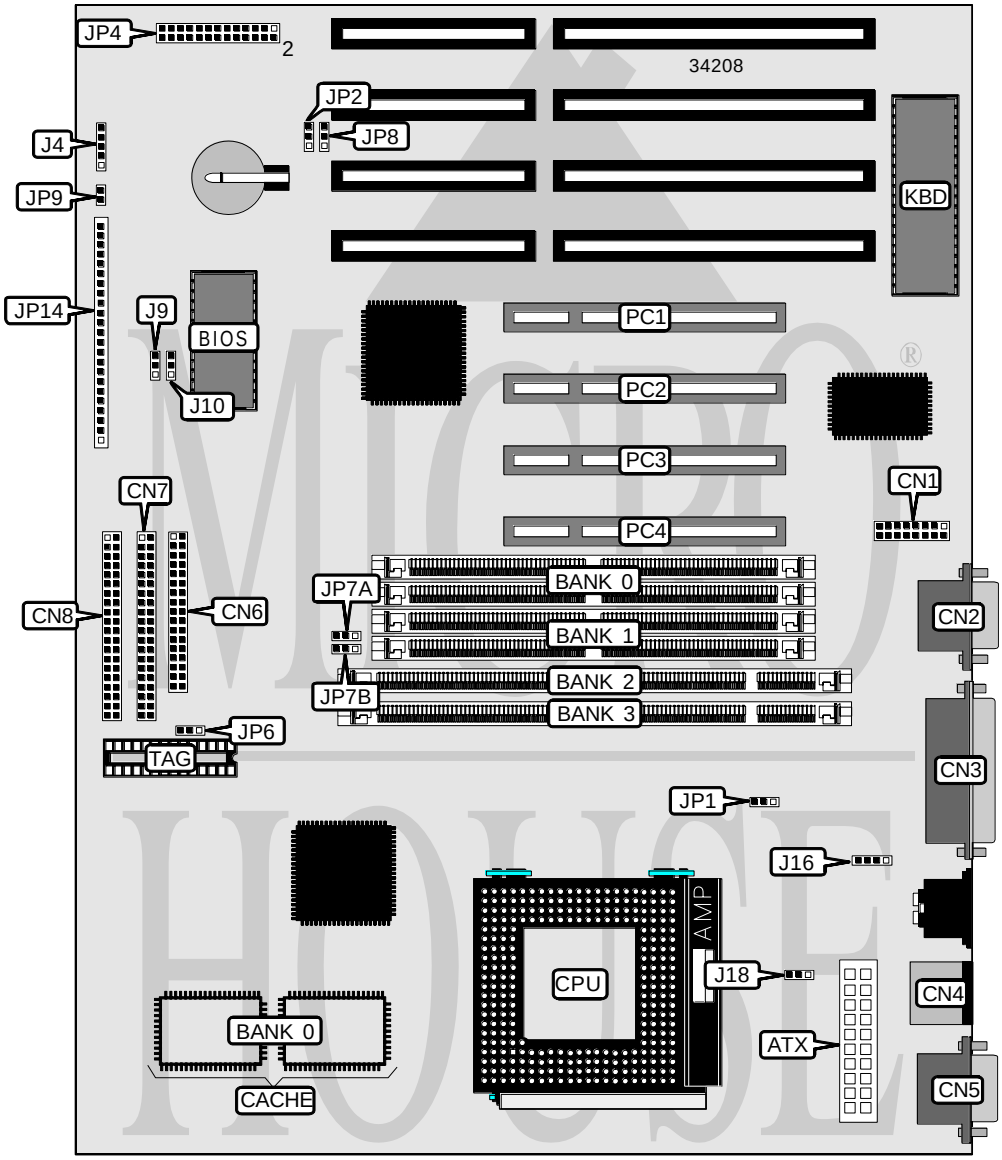
EPOX COMPUTER CO., LTD.
P 5 5 - T X L

Processor	CX M1/AM K5/Pentium
Processor Speed	90/100/120/133/150/166/180/200/225MHz
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
Floppy drive interface	CN6	Green PC LED	JP14/pins 18 & 19
IDE interface 2	CN7	Turbo LED	JP14/pins 21 & 22
IDE interface 1	CN8	IDE interface LED	JP14/pins 24 & 25
IR connector	J4	32-bit PCI slots	PC1 – PC4

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

DIMM/DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 36	None	None	None
8MB	None	(2) 1M x 36	None	None
8MB	None	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	None	(2) 1M x 36	None	(1) 1M x 64
16MB	None	None	(1) 1M x 64	(1) 1M x 64
24MB	None	(2) 2M x 36	None	(1) 1M x 64
32MB	(2) 4M x 36	None	None	None
32MB	None	None	(1) 4M x 64	None
32MB	None	(2) 2M x 36	None	(1) 2M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	None	(2) 4M x 36	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None	None
64MB	None	None	None	(1) 8M x 64
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	None	(2) 4M x 36	None	(1) 4M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64

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DIMM/DRAM CONFIGURATION (CON'T)				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
72MB	(2) 8M x 36	(2) 1M x 36	None	None
72MB	None	(2) 8M x 36	None	(1) 1M x 64
80MB	None	(2) 2M x 36	None	(1) 8M x 64
80MB	(2) 8M x 36	(2) 2M x 36	None	None
96MB	None	(2) 4M x 36	None	(1) 8M x 64
96MB	(2) 8M x 36	(2) 4M x 36	None	None
128MB	None	(2) 8M x 36	None	(1) 8M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
Note: Board accepts EDO memory. Banks 0 & 1 and 2 & 3 are interchangeable.				

DIMM 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

CPU SPEED SELECTION (CYRIX)			
CPU speed	**Clock speed**	**Multiplier**	**JP4**
133MHz	55MHz	2x	Pins 21 & 22 closed
150MHz	60MHz	2x	Pins 5 & 6 closed
166MHz	66MHz	2x	Pins 7 & 8 closed
200MHz	75MHz	2x	Pins 19 & 20 closed

CPU SPEED SELECTION (AMD)			
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 VOLTAGE SELECTION		
Voltage	**J9**	**J10**
í 5v	Pins 2 & 3 closed	Pins 2 & 3 closed
12v	Pins 1 & 2 closed	Pins 1 & 2 closed