EPOX COMPUTER CO., LTD.

P 5 5 - V X

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	225mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector
NPU Options	None
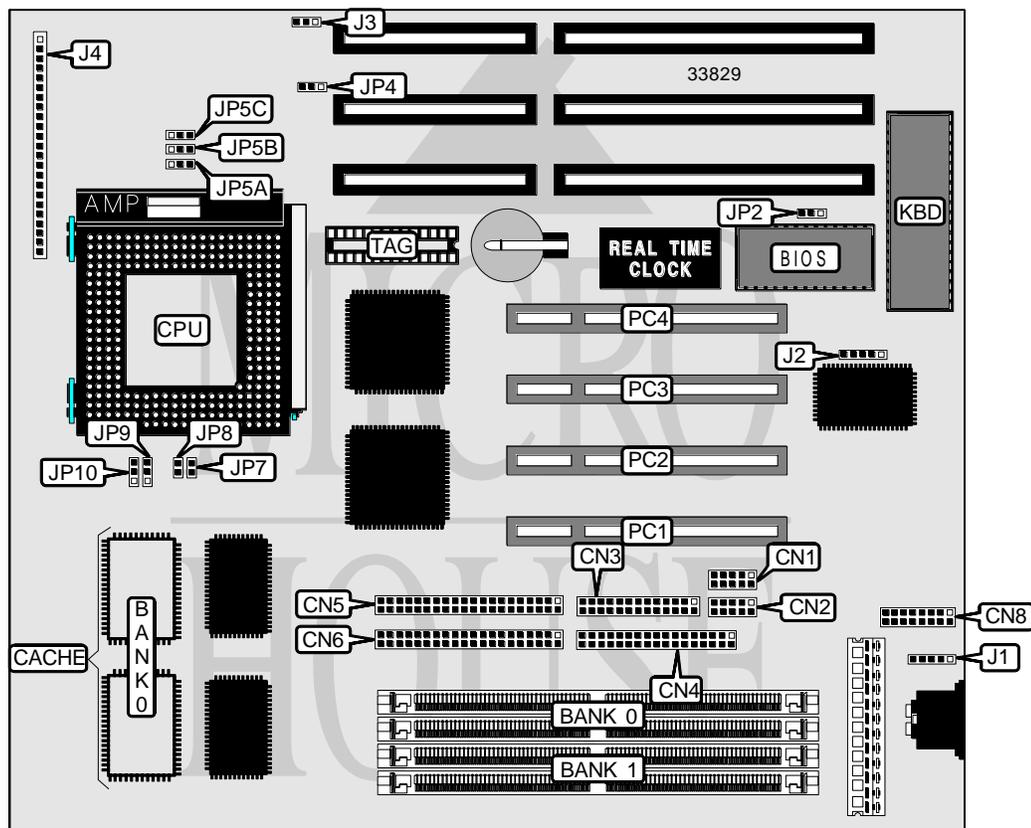
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	Chassis fan power	J3
Serial port 1	CN2	Power LED & keylock	J4 pins 1 - 5
Parallel port	CN3	Speaker	J4 pins 7 - 10
Floppy drive interface	CN4	Reset switch	J4 pins 12 & 13
IDE interface 2	CN5	Turbo LED	J4 pins 15 & 16
IDE interface 1	CN6	Green PC connector	J4 pins 18 & 19
USB connector	CN8	Green PC LED	J4 pins 21 & 22
PS/2 mouse interface	J1	IDE interface LED	J4 pins 24 & 25
IR connector	J2	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Flash BIOS voltage select 12v	JP2	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP2	Pins 1 & 2 closed

DRAM 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) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M 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) 2M x 36	(2) 8M 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. Banks are interchangeable.		

CACHE CONFIGURATION		
Size	**Bank 0**	**TAG**
256KB	(2) 32K x 32	(1) 8K/16K/32K x 8
512KB	(2) 64K x 32	(1) 16K/32K x 8

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CPU SPEED SELECTION (CYRIX)						
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**	**JP9**	**JP10**
120MHz	50MHz	2x	Closed	Closed	1 & 2	2 & 3
133MHz	55MHz	2x	Open	Open	1 & 2	2 & 3
150MHz	60MHz	2x	Open	Closed	1 & 2	2 & 3
166MHz	66MHz	2x	Closed	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL)						
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**	**JP9**	**JP10**
75MHz	50MHz	1.5x	Closed	Closed	1 & 2	1 & 2
90MHz	60MHz	1.5x	Open	Closed	1 & 2	1 & 2
100MHz	66MHz	1.5x	Closed	Open	1 & 2	1 & 2
120MHz	60MHz	2x	Open	Closed	1 & 2	2 & 3
133MHz	66MHz	2x	Closed	Open	1 & 2	2 & 3
150MHz	60MHz	2.5x	Open	Closed	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Open	2 & 3	2 & 3
180MHz	60MHz	3x	Open	Closed	2 & 3	1 & 2
200MHz	66MHz	3x	Closed	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU TYPE SELECTION			
Type	**JP5A**	**JP5B**	**JP5C**
CX M1	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
AM K5	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
P54C/CTB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
P55C	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION	
Voltage	**JP4**
2.5v	Pins 1 & 2 closed
2.8v	Pins 2 & 3 closed