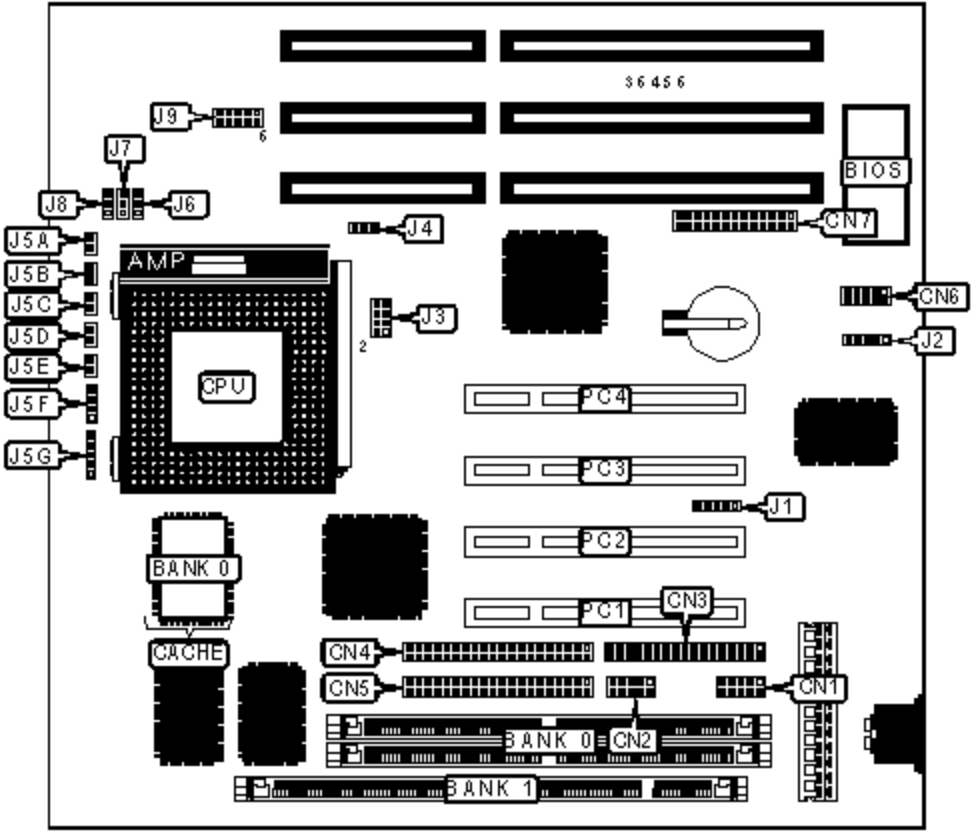


EPOX COMPUTER CO., LTD.

EP-5BVPXB, EP-5BVPXA

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 6X86MX/IBM 6X86MX/
Processor Speed	IDT C6/AM K5/AM K6/Pentium/Pentium MMX
Chip Set	90/100/120/133/150/166/180/200/233/240/266/300/333MHz
Maximum Onboard Memory	VIA Apollo
Cache	192MB (EDO & SDRAM supported)
BIOS	512KB
Dimensions	Award
I/O Options	220mm x 210mm
	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



CONNECTIONS

Purpose	Location	Purpose	Location
Serial port 1	CN1	CPU fan power	J4
Serial port 2	CN2	Green PC LED	J5A
Floppy drive interface	CN3	IDE interface LED	J5B
IDE interface 1	CN4	Turbo LED	J5C
IDE interface 2	CN5	Green PC connector	J5D
USB connector	CN6	Reset switch	J5E

Parallel port	CN7	Speaker	J5F
IR connector	J1	Power LED & keylock	J5G
PS/2 mouse interface	J2	32-bit PCI slots	PC1 - PC4

SIMM CONFIGURATION

Size	Bank 0
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

Note: Board accepts EDO memory.

DIMM CONFIGURATION

Size	Bank 1
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
128MB	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
150MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
150MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
150MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
150MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2
166MHz	60MHz	2.5x	3 & 4, 5 & 6	2 & 3	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	3 & 4, 7 & 8	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2
266MHz	75MHz	3x	3 & 4, 7 & 8	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
166MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	3 & 4, 7 & 8	2 & 3	1 & 2	1 & 2
166MHz	60MHz	2.5x	3 & 4, 5 & 6	2 & 3	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	3 & 4, 7 & 8	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2
266MHz	75MHz	3x	3 & 4, 7 & 8	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
120MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2

133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
180MHz	60MHz	3x	3 & 4, 5 & 6	1 & 2	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2
240MHz	60MHz	4x	3 & 4, 5 & 6	2 & 3	1 & 2	2 & 3
266MHz	66MHz	4x	1 & 2, 5 & 6	2 & 3	1 & 2	2 & 3
300MHz	60MHz	5x	3 & 4, 5 & 6	1 & 2	2 & 3	2 & 3
333MHz	66MHz	5x	1 & 2, 5 & 6	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
90MHz	60MHz	1.5x	3 & 4, 5 & 6	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	3 & 4, 5 & 6	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	1 & 2, 5 & 6	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2, 5 & 6	2 & 3	2 & 3	2 & 3
333MHz	66MHz	5x	1 & 2, 5 & 6	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
90MHz	60MHz	1.5x	3 & 4, 5 & 6	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	3 & 4, 5 & 6	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	3 & 4, 5 & 6	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	J3	J6	J7	J8
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2, 5 & 6	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	J9
2.1v	Pins 1 & 6 closed
2.2v	Pins 2 & 7 closed
2.8v	Pins 3 & 8 closed
2.9v	Pins 4 & 9 closed
3.2v	Pins 5 & 10 closed