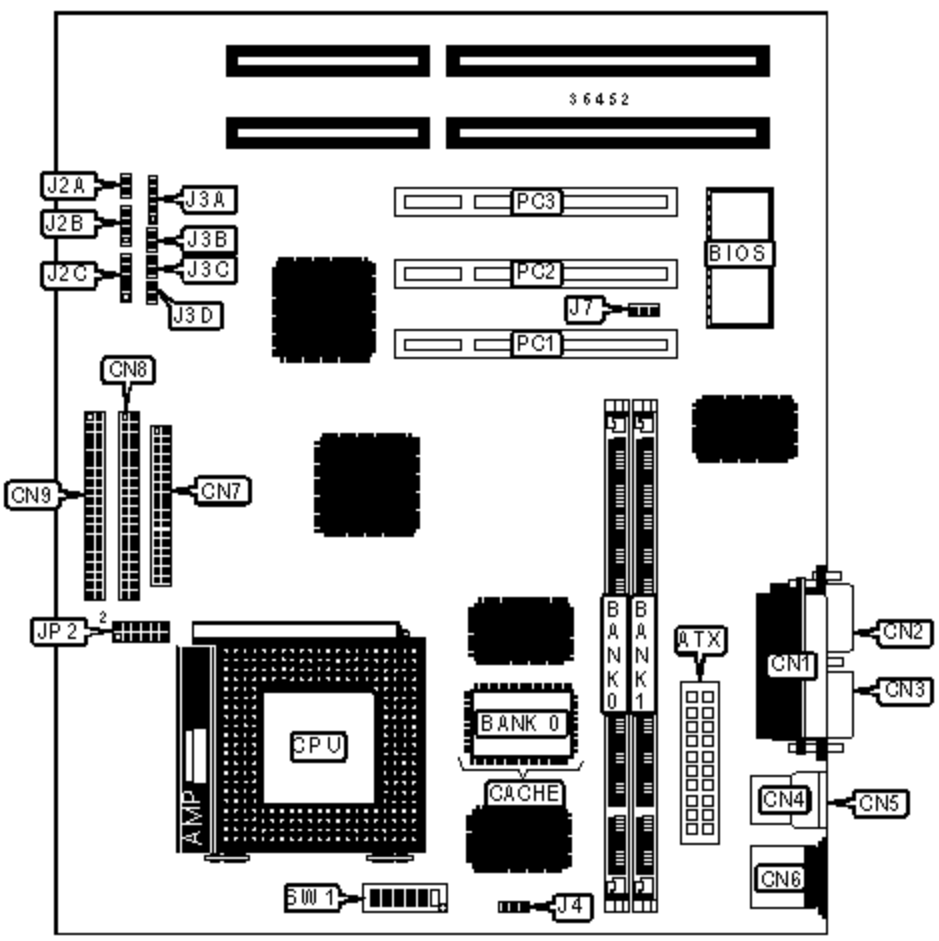


EPOX COMPUTER CO., LTD.

EP-51VPXC

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 6X86MX/IBM 6X86MX/IDT C6/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	120/133/150/166/180/200/225/233/266/300/333MHz
Chip Set	VIA Apollo
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	512KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, wake on LAN connector



CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Reset switch	J2A
Parallel port	CN1	Speaker	J2B
Serial port 2	CN2	Power LED & keylock	J2C
Serial port 1	CN3	IR connector	J3A

USB connector 1	CN4	IDE interface LED	J3B
USB connector 2	CN5	Turbo LED	J3C
PS/2 mouse port	CN6	Soft off power supply	J3D
Floppy drive interface	CN7	CPU fan power	J4
IDE interface 1	CN8	Wake on LAN connector	J7
IDE interface 2	CN9	32-bit PCI slots	PC1 – PC3

DIMM CONFIGURATION

Size	Bank 0	Bank 1
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64

256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.		

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

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	On

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	On

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
166MHz	60MHz	2.5x	On	On	Off	On	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	On
200MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
233MHz	75MHz	2.5x	On	On	Off	Off	On	On

233MHz	66MHz	3x	Off	On	Off	Off	Off	Off
266MHz	75MHz	3x	Off	On	Off	Off	On	On
266MHz	66MHz	3.5x	Off	Off	Off	Off	On	On

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
166MHz	60MHz	2.5x	On	On	Off	On	Off	Off
200MHz	75MHz	2x	On	Off	Off	Off	On	On
200MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
233MHz	75MHz	2.5x	On	On	Off	Off	On	On
233MHz	66MHz	3x	Off	On	Off	Off	Off	Off
266MHz	75MHz	3x	Off	On	Off	Off	On	On
266MHz	66MHz	3.5x	Off	Off	Off	Off	On	On

CPU SPEED SELECTION (IDT C6)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
180MHz	60MHz	3x	Off	On	Off	On	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
225MHz	75MHz	3x	Off	On	Off	Off	On	On

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On	Off	Off

150MHz	60MHz	2.5x	On	On	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
233MHz	66MHz	3.5x	On	Off	On	Off	Off	Off
266MHz	66MHz	4x	On	On	On	Off	Off	Off
300MHz	66MHz	4.5x	Off	On	On	Off	Off	Off

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
120MHz	60MHz	2x	On	Off	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
180MHz	60MHz	3x	Off	On	Off	On	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU VOLTAGE SELECTION

Voltage	JP2
2.1v	Pins 1 & 2 closed
2.2v	Pins 3 & 4 closed
2.8v	Pins 5 & 6 closed
2.9v	Pins 7 & 8 closed
3.2v	Pins 9 & 10 closed
3.5v	Pins 11 & 12 closed