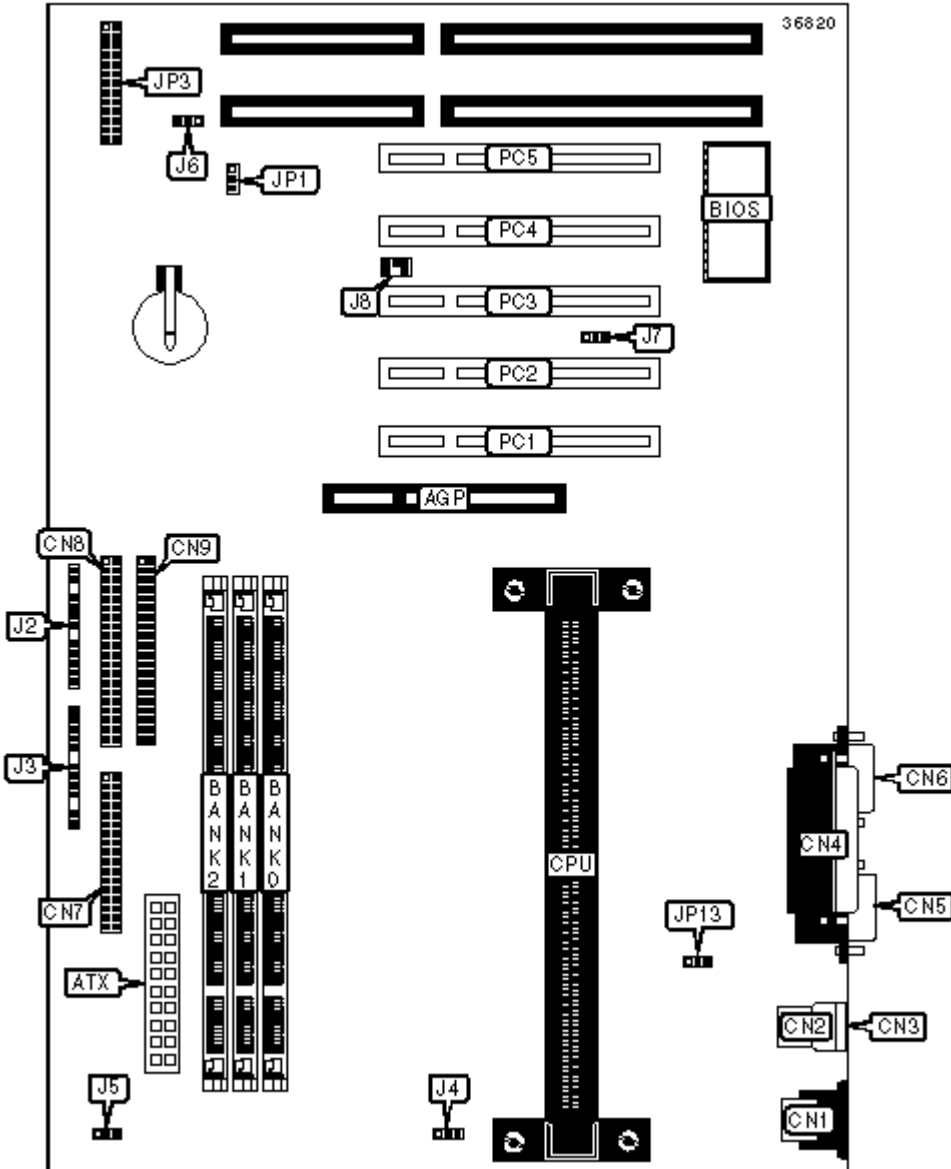


EPOX COMPUTER CO., LTD.

EP-BX3

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/333/350/366/400/450/500/550MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, SB-link connector, Wake-on-LAN connector



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	PC speaker	J2/Pins 4 - 7

ATX power connector	ATX	Power LED & keylock	J2/Pins 9 - 13
PS/2 mouse port	CN1	IR connector	J3/Pins 1 - 5
USB port 1	CN2	IDE interface LED	J3/Pins 7 & 8
USB port 2	CN3	Turbo LED	J3/Pins 9 & 10
Parallel port	CN4	Power switch	J3/Pins 12 & 13
Serial port 1	CN5	CPU fan power	J4
Serial port 2	CN6	Power supply fan	J5
Floppy drive interface	CN7	Chassis fan power	J6
IDE interface 1	CN8	Wake-on-LAN connector	J7
IDE interface 2	CN9	SB-link connector	J8
Reset switch	J2/Pins 1 & 2	32-bit PCI slots	PC1 - PC5

USER CONFIGURABLE SETTINGS			
Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed
»	Factory configured - do not alter	JP3/Pins 11 & 12	Unidentified
»	Factory configured - do not alter	JP3/Pins 19 & 20	Unidentified
»	Factory configured - do not alter	JP3/Pins 21 & 22	Unidentified
»	Factory configured - do not alter	JP3/Pins 23 & 24	Unidentified
»	Factory configured - do not alter	JP3/Pins 25 & 26	Unidentified
»	Power-on keyboard disabled	JP13	Pins 2 & 3 closed
	Power-on keyboard enabled	JP13	Pins 1 & 2 closed

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

24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64

768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board supports EDO & SDRAM memory.			

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPUs.

CPU SPEED SELECTION			
CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	1 & 2, 15 & 16
233Mhz	66MHz	3.5x	3 & 4, 15 & 16
266MHz	66MHz	4x	5 & 6, 15 & 16
300MHz	66MHz	4.5x	7 & 8, 15 & 16
300MHz	100MHz	3x	1 & 2, 17 & 18
333MHz	66MHz	5X	9 & 10, 15 & 16
350MHz	100MHz	3.5x	3 & 4, 17 & 18
400MHz	100MHz	4x	5 & 6, 17 & 18
450MHz	100MHz	4.5x	7 & 8, 17 & 18
500MHz	100MHz	5x	9 & 10, 17 & 18
Automatic CPU speed selection			13 & 14
Note: Designated pins should be in the closed position			