EPOX COMPUTER CO., LTD.

EP-61BXA-M

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/333/366/350/400/450/500/550MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (EDO & SDRAM & PC100 supported)
Cache	512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector
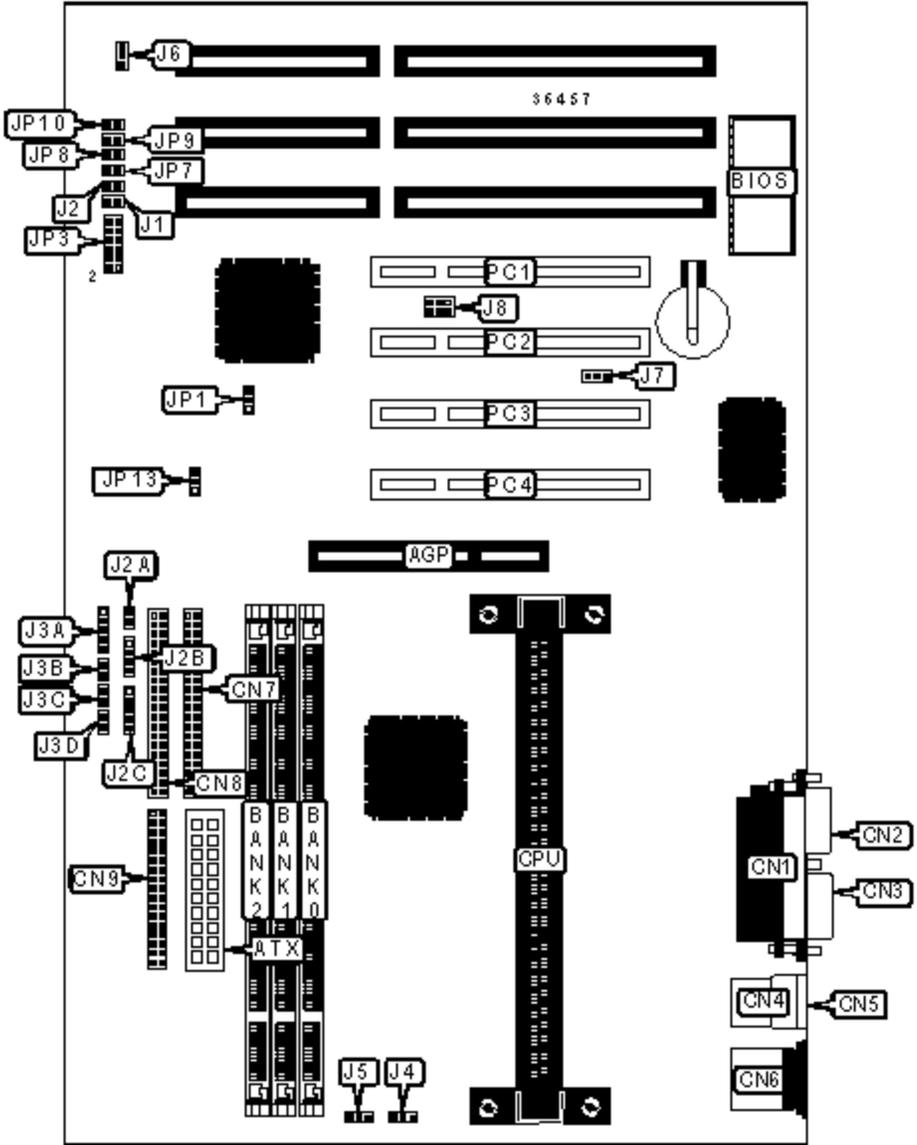
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Speaker	J2B
ATX power connector	ATX	Power LED & keylock	J2C

Parallel port	CN1	IR connector	J3A
Serial port 2	CN2	IDE interface LED	J3B
Serial port 1	CN3	Turbo LED	J3C
USB connector 1	CN4	Soft off power supply	J3D
USB connector 2	CN5	CPU fan power	J4
PS/2 mouse port	CN6	Power fan power	J5
IDE interface 1	CN7	Chassis fan power	J6
IDE interface 2	CN8	Wake on LAN connector	J7
Floppy drive interface	CN9	SB-link connector	J8
Reset switch	J2A	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	Factory configured - do not alter	J1	Unidentified
»	Factory configured - do not alter	J2	Unidentified
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed
»	Factory configured - do not alter	JP7	Unidentified
»	Factory configured - do not alter	JP8	Unidentified
»	Factory configured - do not alter	JP9	Unidentified
»	Factory configured - do not alter	JP10	Unidentified
»	Keyboard power on enabled	JP13	Pins 1 & 2 closed
	Keyboard power on disabled	JP13	Pins 2 & 3 closed

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

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**	**Bank 2**
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80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64

104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None

320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts EDO & SDRAM & PC100 memory.			

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	Pins 1 & 2 closed
233MHz	66MHz	3.5x	Pins 3 & 4 closed
266MHz	66MHz	4x	Pins 5 & 6 closed
300MHz	66MHz	4.5x	Pins 7 & 8 closed
333MHz	66MHz	5x	Pins 9 & 10 closed
366MHz	66MHz	5.5x	Pins 11 & 12 closed
300MHz	100MHz	3x	Pins 1 & 2 closed
350MHz	100MHz	3.5x	Pins 3 & 4 closed
400MHz	100MHz	4x	Pins 5 & 6 closed
450MHz	100MHz	4.5x	Pins 7 & 8 closed
500MHz	100MHz	5x	Pins 9 & 10 closed
550MHz	100MHz	5.5x	Pins 11 & 12 closed

CPU/DIMM BUS SPEED SELECTION	
Setting	**JP100**
» Auto	Pins 1 & 2 closed
PC 100	Pins 2 & 3 closed
Note: The location of the above jumper is unidentified.	