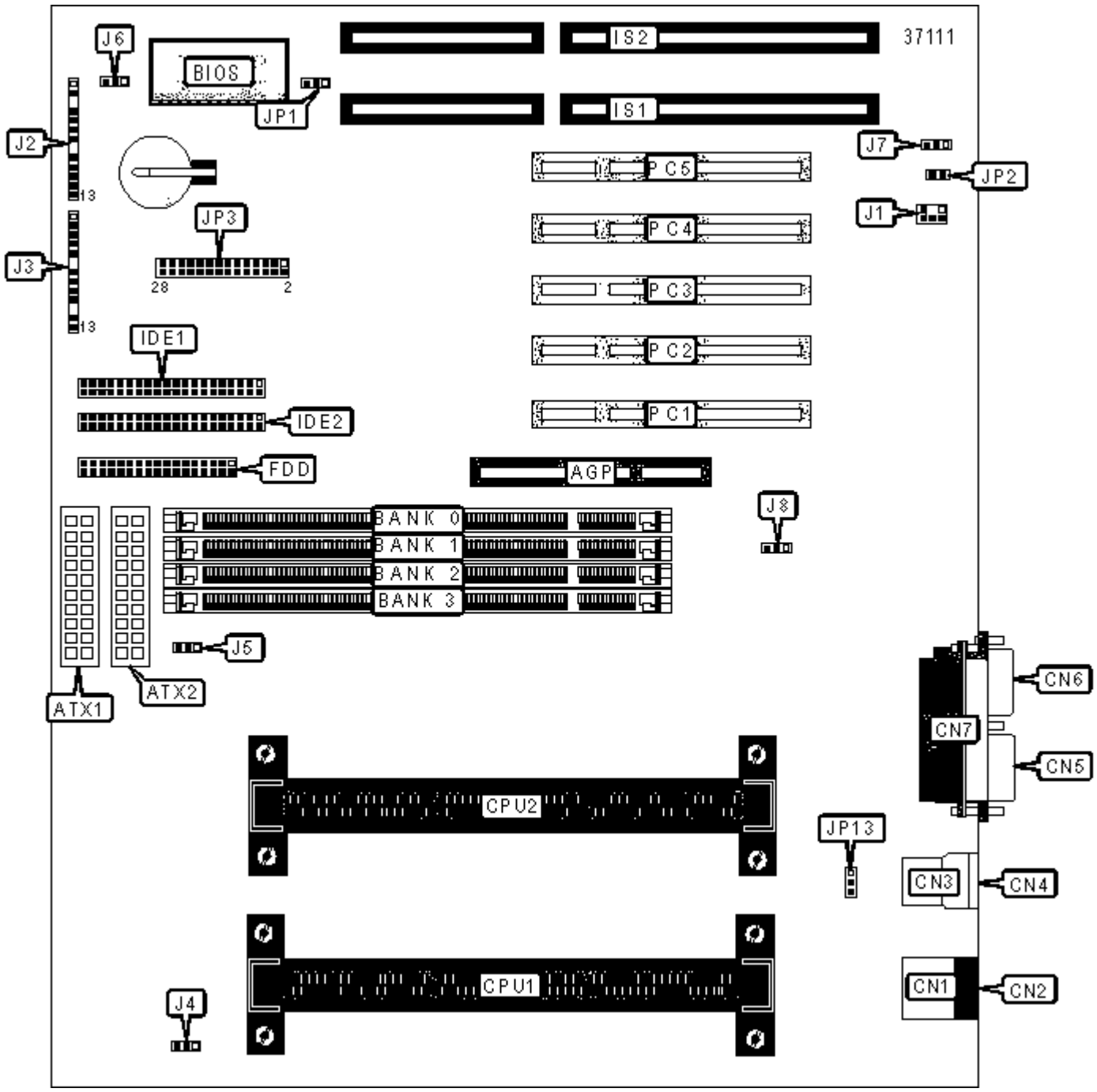
EPOX COMPUTER CO., LTD.

EP-GXB-M

Device Type	Mainboard
Processor	Pentium II Xeon
Processor Speed	400/450/500/550MHz
Chip Set	Intel 440GX
Maximum Onboard Memory	2048MB (SDRAM supported)
Cache	512/1024/2048KB
BIOS	Award
Dimensions	Unidentified
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), AGP slot, ATX power connectors (2), Floppy drive interface, IDE interfaces (2), IR connector, Parallel port, PS/2 keyboard port, PS/2 mouse port, Serial ports (2), USB ports (2), Wake-on-LAN connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	SB-Link connector	J1
ATX power connector 1	ATX1	Reset switch	J2/Pins 1 & 2
ATX power connector 2	ATX2	Speaker	J2/Pins 4 - 7
PS/2 mouse port	CN1	Power LED & keylock	J2/Pins 9 - 13
PS/2 keyboard port	CN2	IR connector	J3/Pins 1 - 5
USB port 1	CN3	IDE interface LED	J3/Pins 7 & 8

USB port 2	CN4	Turbo LED	J3/Pins 9 & 10
Serial port 1	CN5	CPU fan power 1	J4
Serial port 2	CN6	CPU fan power 2	J5
Parallel port	CN7	Chassis fan power 1	J6
Floppy drive interface	FDD	Wake-on-LAN connector	J7
IDE interface 1	IDE1	Chassis fan power 2	J8
IDE interface 2	IDE2	Chassis intrusion connector	JP2
16-bit ISA slots	IS1 - IS2	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 1 & 2 open
»	Factory configured - do not alter	JP3	Pins 3 & 4 open
»	Factory configured - do not alter	JP3	Pins 13 & 14 open
»	Factory configured - do not alter	JP3	Pins 15 & 16 open
»	Factory configured - do not alter	JP3	Pins 17 & 18 open
»	Factory configured - do not alter	JP3	Pins 19 & 20 open
»	Factory configured - do not alter	JP3	Pins 21 & 22 open
»	Factory configured - do not alter	JP3	Pins 23 & 24 open
»	Power on Keyboard disabled	JP13	Pins 2 & 3 closed
	Power on Keyboard enabled	JP13	Pins 1 & 2 closed

CACHE CONFIGURATION
Note: 512KB/1024KB/2048KB cache is located on the Pentium II Xeon CPUs.

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**

16MB	(1) 2M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 16M x 64	None	None	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 32M x 64	None	None	None
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 64M x 64	None	None	None
544MB	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
576MB	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
640MB	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None

768MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None	None
1056MB	(1) 64M x 64	(1) 64M x 64	(1) 2M x 64	(1) 2M x 64
1088MB	(1) 64M x 64	(1) 64M x 64	(1) 4M x 64	(1) 4M x 64
1152MB	(1) 64M x 64	(1) 64M x 64	(1) 8M x 64	(1) 8M x 64
1280MB	(1) 64M x 64	(1) 64M x 64	(1) 16M x 64	(1) 16M x 64
1536MB	(1) 64M x 6	(1) 64M x 6	(1) 64M x 6	None
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 32M x 64	(1) 32M x 64
2048MB	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64
Note: Board supports SDRAM memory.				

CPU SPEED SELECTION		
Speed		**JP3**
»	400MHz	Pins 5 & 6 closed
	450MHz	Pins 7 & 8 closed
	500MHz	Pins 9 & 10 closed
	550MHz	Pins 11 & 12 closed