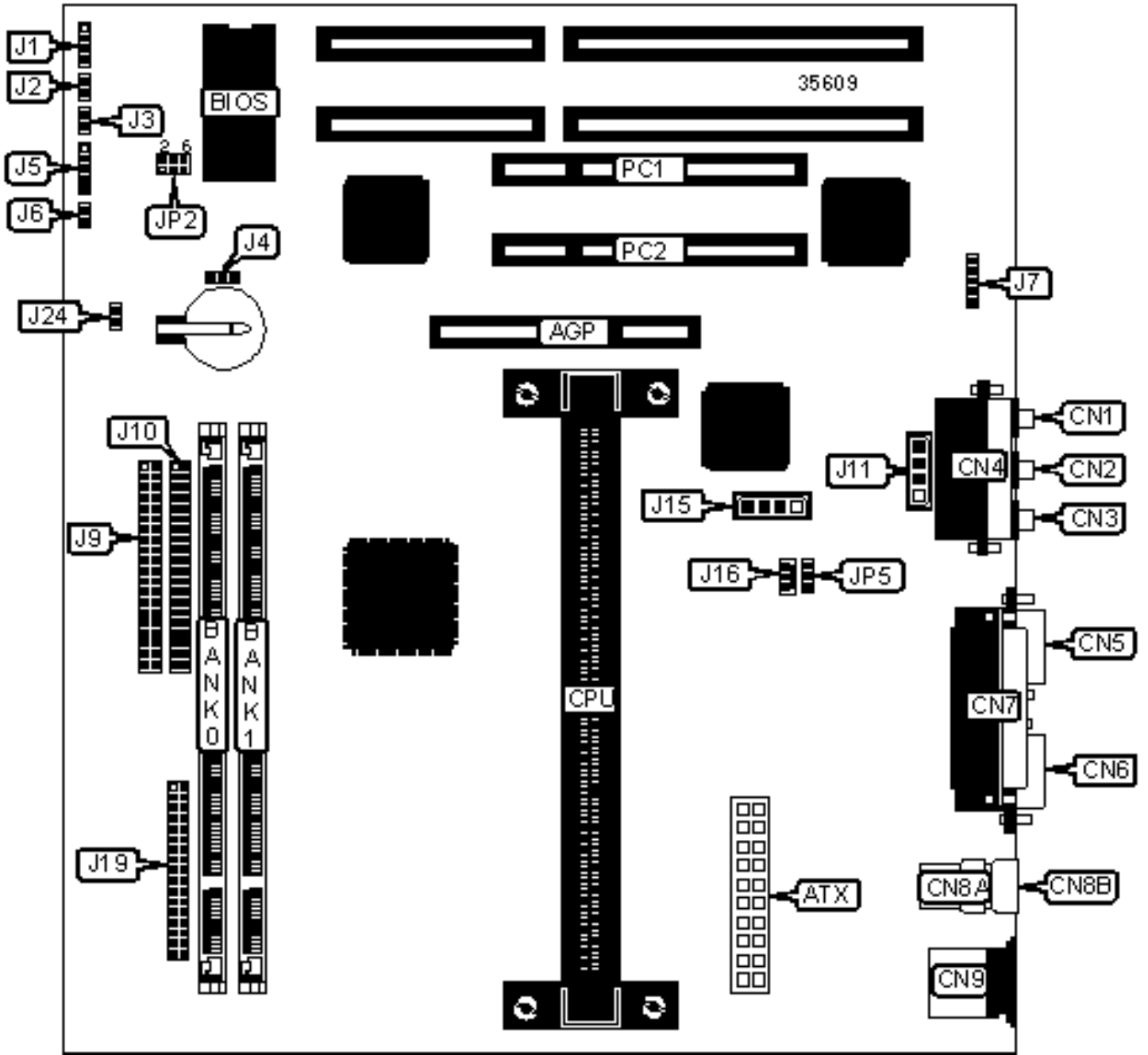


GEMLIGHT COMPUTER, LTD.

GMB-P6EIMG (VER. 1.00)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Soft off power supply	J2
ATX power connector	ATX	Reset switch	J3
Microphone in	CN1	Power LED & keylock	J5
Line in	CN2	IDE interface LED	J6
Line out	CN3	IR connector	J7
Game/MIDI port	CN4	IDE interface 1	J9
Serial port 1	CN5	IDE interface 2	J10
Serial port 2	CN6	Audio in – CD-ROM (Sony)	J11
Parallel port	CN7	Audio in – CD-ROM (Mits/Pan)	J15
USB connector 1	CN8A	CPU fan power	J16
USB connector 2	CN8B	Floppy drive interface	J19
PS/2 mouse port	CN9	Wake on LAN	JP5
Speaker	J1	32-bit PCI slots	PC1 - PC2

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	J4	Pins 2 & 3 closed
CMOS memory clear	J4	Pins 1 & 2 closed
» Power on after power failure enabled	J24	Closed
Power on after power failure disabled	J24	Open

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) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
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
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

Note: Board accepts 256MB SDRAM or 512MB EDO memory.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP2/pins 1 & 2	JP2/pins 3 & 4	JP2/pins 5 & 6
233MHz	66MHz	3.5x	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open
300MHz	66MHz	4.5x	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open