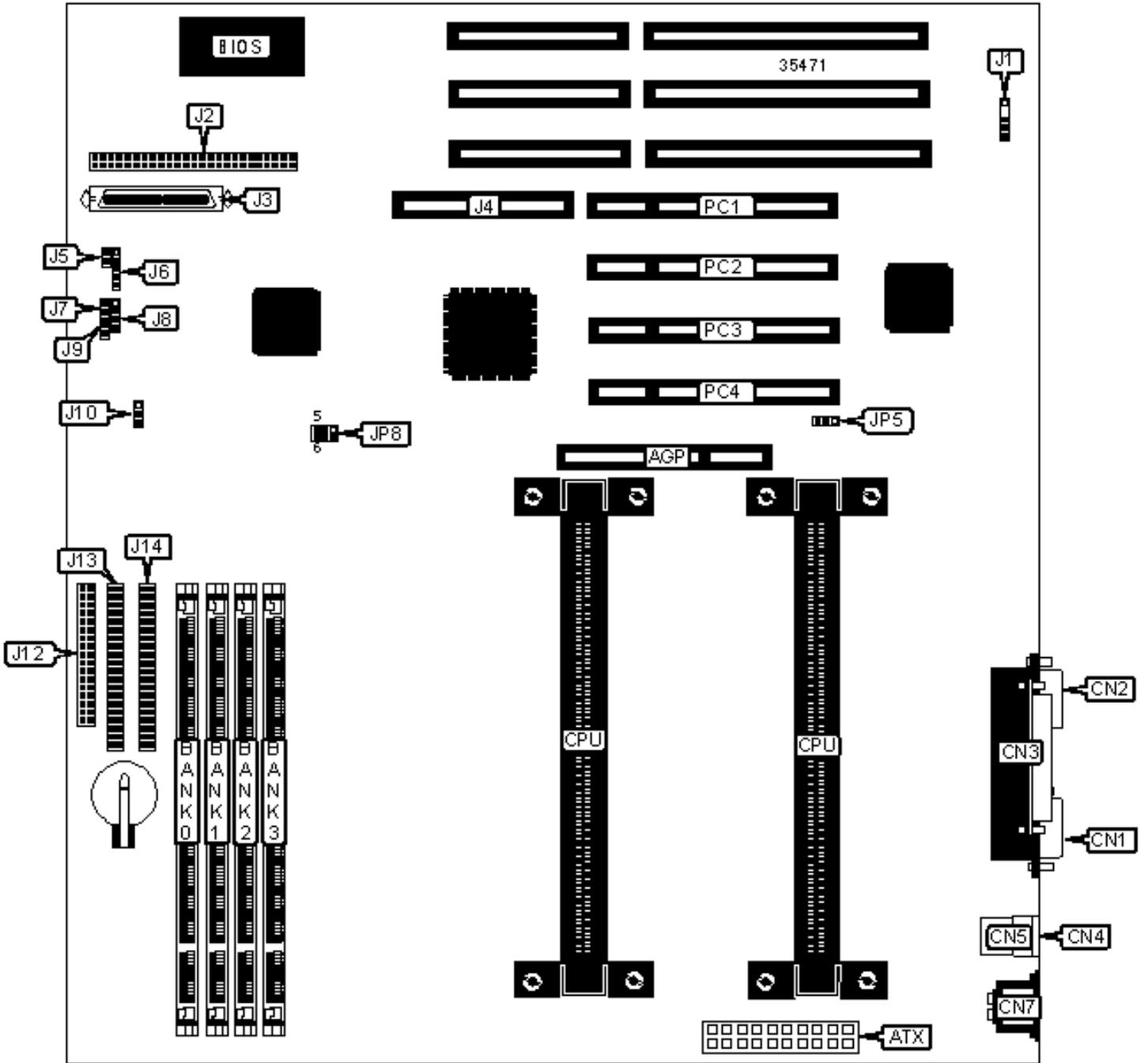


GEMLIGHT COMPUTER, LTD.

GMB-P6LIDK (VER. 1.00)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	RAID SLOT	J4
AGP slot	AGP	IDE interface LED	J5
Serial port 1	CN1	Power LED & keylock	J6
Serial port 2	CN2	Power switch	J7
Parallel port	CN3	Speaker	J8
USB connector 1	CN4	Reset switch	J9
USB connector 2	CN5	Floppy drive interface	J12
PS/2 mouse interface	CN7	IDE interface 1	J13
IR connector	J1	IDE interface 2	J14
SCSI connector	J2	Wake on LAN connector	JP5
SCSI UltraWide connector	J3	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	J10	Pins 2 & 3 closed
CMOS memory clear	J10	Pins 1 & 2 closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1MB x 64	None	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None	None
16MB	(1) 2MB x 64	None	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64	None
24MB	(1) 2MB x 64	(1) 1MB x 64	None	None

32MB	(1) 1MB x 64			
32MB	(1) 2MB x 64	(1) 2MB x 64	None	None
32MB	(1) 4MB x 64	None	None	None
32MB	(1) 2MB x 64	(1) 1MB x 64	(1) 1MB x 64	None
40MB	(1) 2MB x 64	(1) 2MB x 64	(1) 1MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 1MB x 64	(1) 1MB x 64
56MB	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64	None
64MB	(1) 2MB x 64			
64MB	(1) 4MB x 64	(1) 4MB x 64	None	None
64MB	(1) 8MB x 64	None	None	None
64MB	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64	(1) 1MB x 64
88MB	(1) 4MB x 64	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	None

DRAM CONFIGURATION (CONT.)

Size	Bank 0	Bank 1	Bank 2	Bank 3
120MB	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64
128MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64
128MB	(1) 8MB x 64	(1) 8MB x 64	None	None
128MB	(1) 16MB x 64	None	None	None
136MB	(1) 8MB x 64	(1) 4MB x 64	(1) 4MB x 64	(1) 1MB x 64
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	None
240MB	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64
256MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64	None	None

256MB	(1) 32MB x 64	None	None	None
384MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	None
480MB	(1) 32MB x 64	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64
512MB	(1) 16MB x 64			
512MB	(1) 32MB x 64	(1) 32MB x 64	None	None
768MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	None
1024MB	(1) 32MB x 64			

Note: Board accepts EDO & SDRAM memory. Maximum EDO memory is 1GB. Maximum SDRAM is 512MB

CPU SPEED SELECTION

Speed	Clock speed	Multiplier	JP8/pins 1 & 2	JP8/pins 3 & 4	JP8/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