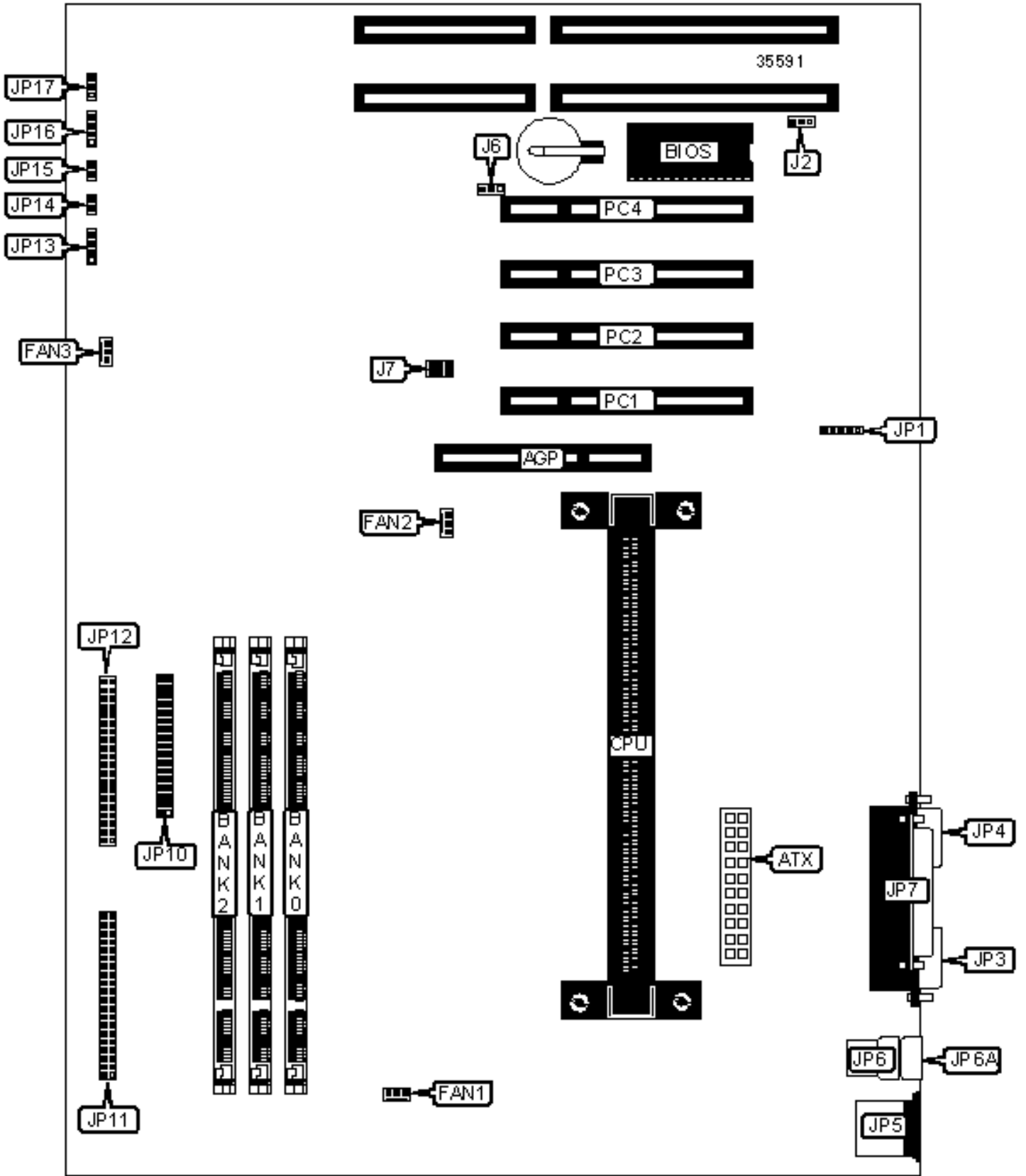


GEMLIGHT COMPUTER, LTD.

GMB-P6LIAK (VER. 3.00)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	JP7
CPU fan power	FAN1	Floppy drive interface	JP10
System fan power	FAN2	IDE interface 2	JP11
System fan power	FAN3	IDE interface 1	JP12
IR connector	JP1	IDE interface LED	JP13
Serial port 1	JP3	Power on/off switch connector	JP14
Serial port 2	JP4	Power LED	JP15
PS/2 mouse port	JP5	Reset switch	JP16
USB connector 1	JP6	Speaker	JP17
USB connector 2	JP6A	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Flash BIOS voltage select 5v	J2	Pins 1 & 2 closed
Flash BIOS voltage select 12v	J2	Pins 2 & 3 closed
» CMOS memory normal operation	J6	Pins 1 & 2 closed
CMOS memory clear	J6	Pins 2 & 3 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	(1) 1MB x 64	(1) 1MB x 64	(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
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	None
48MB	(1) 4MB x 64	(1) 2MB x 64	None	None
64MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	(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) 2MB x 64	None
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	None
96MB	(1) 8MB x 64	(1) 4MB x 64	None	None
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
128MB	(1) 8MB x 64	(1) 4MB x 64	(1) 4MB x 64	None
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	None
192MB	(1) 16MB x 64	(1) 8MB x 64	None	None

DRAM CONFIGURATION (CONT.)

Size	Bank 0	Bank 1	Bank 2	Bank 3
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
256MB	(1) 16MB x 64	(1) 8MB x 64	(1) 8MB x 64	None
384MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	None
384MB	(1) 32MB x 64	(1) 16MB x 64	None	None
448MB	(1) 32MB x 64	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64
512MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64
512MB	(1) 32MB x 64	(1) 32MB x 64	None	None
512MB	(1) 32MB x 64	(1) 16MB x 64	(1) 16MB x 64	None
768MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	None

Note: Board accepts EDO and SDRAM memory. Maximum EDO memory is 768MB, maximum SDRAM memory is 384MB.

CACHE CONFIGURATION

Note: The 256/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU Speed	Clock Speed	Multiplier	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/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