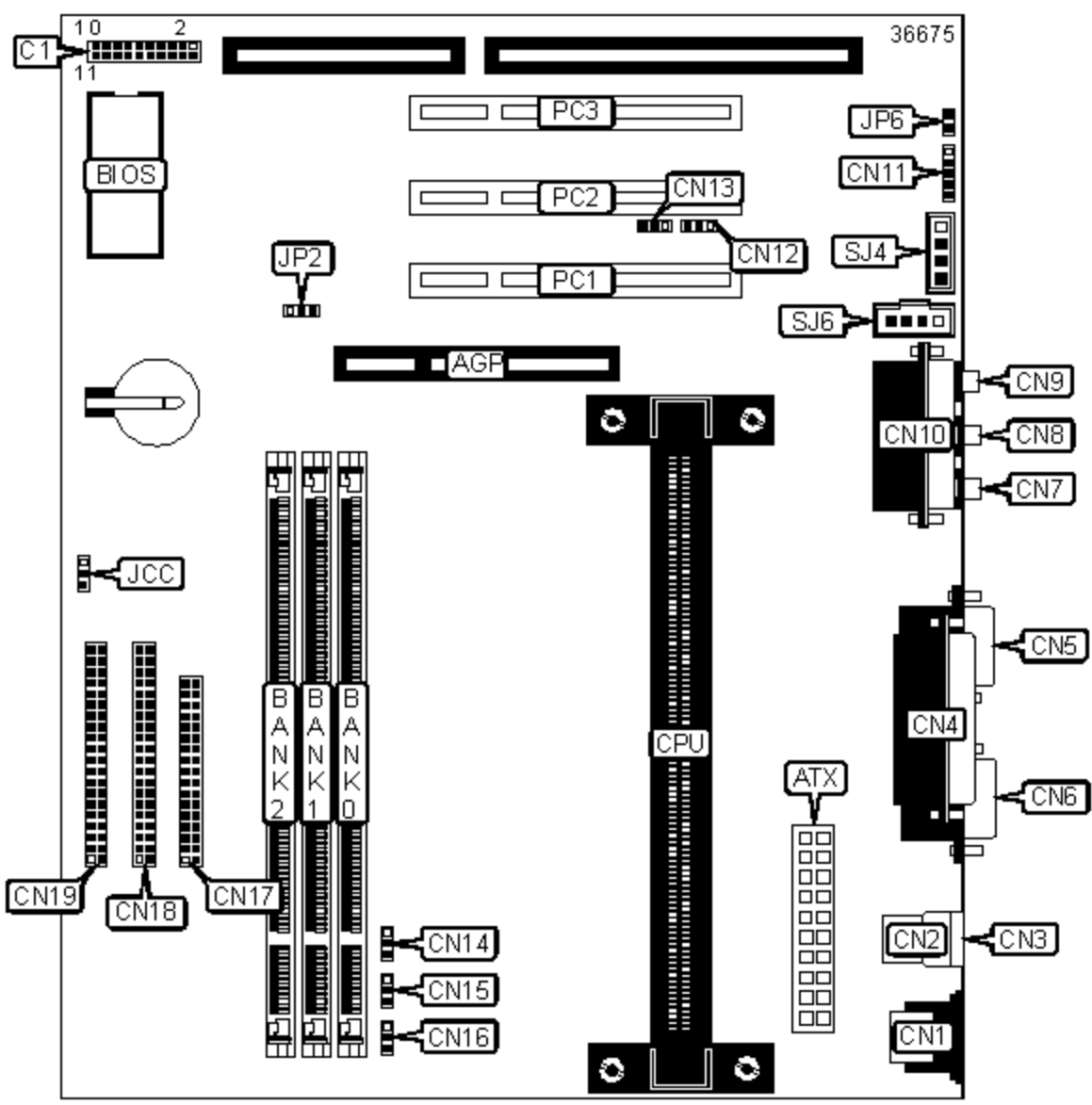


GEMLIGHT COMPUTER LTD.

GMB-P6BIMG VBX (VER. 1.10)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	VIA
Audio Chip Set	Yamaha
Maximum Onboard Memory	768MB (SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	244mm x 188mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), Wake-on-LAN connector, Wake-on-Modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Line in	CN8

ATX power connector	ATX	Microphone in	CN9
IDE interface LED	C1/Pins 1 & 2	Game port	CN10
Reset switch	C1/Pins 3 & 4	IR connector	CN11
PC speaker	C1/Pins 5 - 8	Wake-on-LAN connector	CN12
Power switch	C1/Pins 9 & 10	Wake-on-Modem connector	CN13
Green PC switch	C1/Pins 11 & 12	Chassis fan power	CN14
Green PC LED	C1/Pins 13 - 15	Bake fan power	CN15
Power LED & Keylock	C1/Pins 16 - 20	CPU fan power	CN16
PS/2 mouse port	CN1	Floppy drive interface	CN17
USB port 1	CN2	IDE interface 2	CN18
USB port 2	CN3	IDE interface 1	CN19
Parallel port	CN4	Audio in - CD-ROM (Mitsumi/Panasonic)	SJ4
Serial port 1	CN5	Audio in - CD-ROM (Sony)	SJ6
Serial port 2	CN6	32-bit PCI slots	PC1 - PC3
Line out	CN7		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JCC	Pins 2 & 3 closed
	CMOS memory clear	JCC	Pins 1 & 2 closed
	CPU speed selection in setup disabled	JP2	Pins 1 & 2 closed
	CPU speed selection in setup enabled	JP2	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
16MB	None	(1) 2M x 64	None
16MB	None	None	(1) 2M x 64

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

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

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

