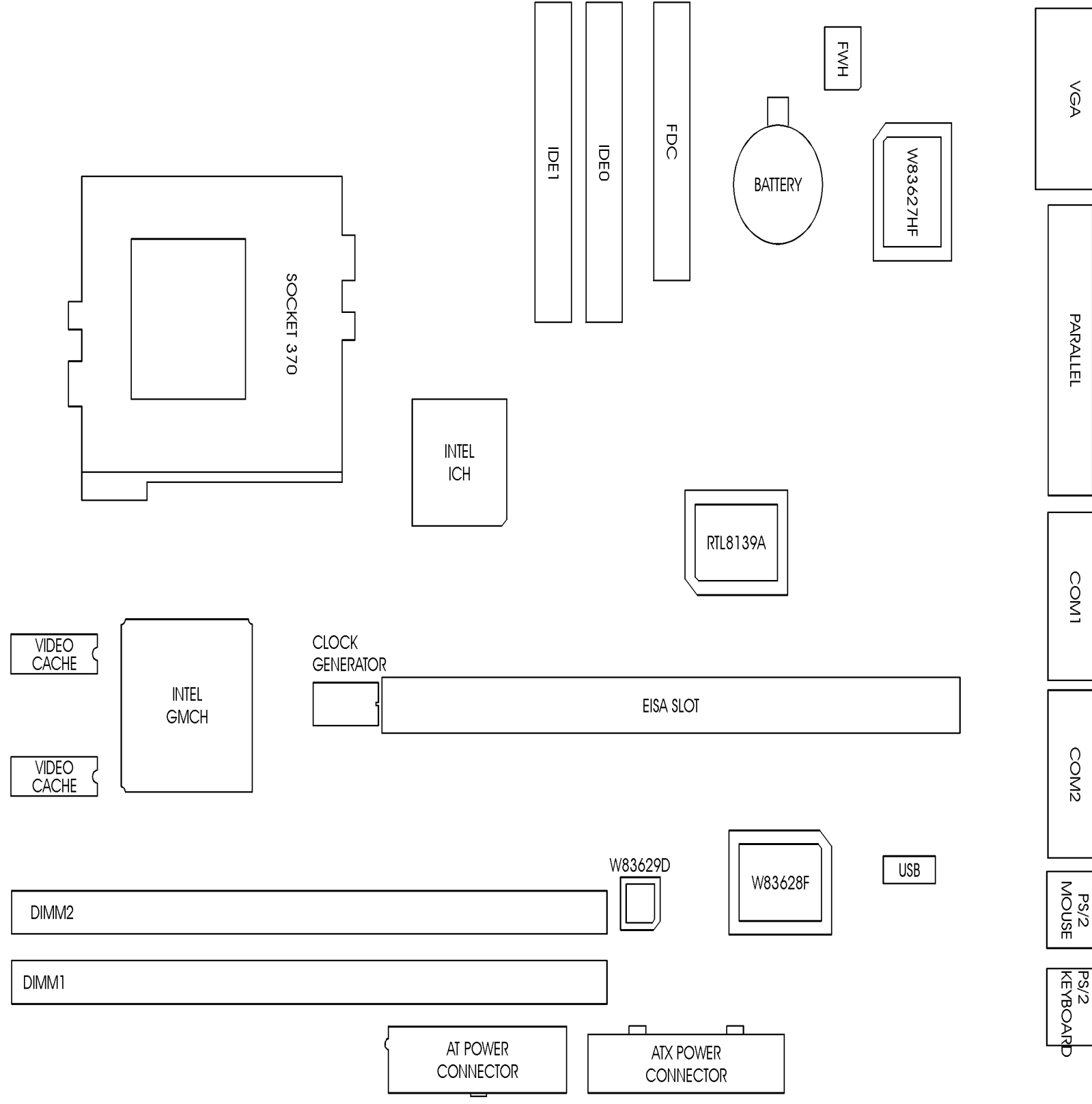


GEMLIGHT Computer Ltd.

Model: GMB-6168

**Intel 810 Socket 370 LPX Motherboard w/ onboard VGA,
SOUND & 10/100MHZ ETHERNET**

GMB-6168 is a high-end green **Socket 370** motherboard with on board VGA and Realtek **RTL8139A** 10/100MHz Ethernet. The system core logic is **Intel 810** chipsets which build in graphic controller. The Winbond W83627HF LPC I/O support 2 fast serial (16550) ports, fast IR, 1 EPP/ECP parallel port and 1 3-mode FDD.



SPECIFICATION

CPU:

- Support Socket Celeron 300MHz ~ 533MHz processor

Chipset:

- Intel 810DC-100 or 810L chipsets
- Winbond W83627HF LPC I/O chip
- Winbond W83628/9 PCI-ISA Bridge (optional)

Architecture:

- ISA, IBM PC/AT and PCI 2.2 compatible

Main Memory:

- Two DIMM sockets constitute two memory banks
- DIMM Type - 8/16/32/64/128MB 168-pin unbuffered 3.3V SDRAM/EDO
- ECC Functions ensure data correction and integrity
- Maximum Size - 512MB

Video:

- 3D Hyper Pipelined Architecture
- Full 2D H/W Acceleration
- Motion Video Acceleration
- 3D Graphics Visual/Texturing Enhancements
- Integrated 24-bit 230MHz RAMDAC
- DDC2B compliant
- H/W Motion Compensation Assistance for S/W MPEG2 Decode
- On board 4MB SDRAM for video cache (optional)

Ethernet System (optional):

- On board Realtech RTL8139A 10/100MHz Ethernet controller

Power Management Features:

- True green functions: support SMM, SMI and CPU stop clock function
- ACPI / PC97 compatible
- Hardware Monitoring: System Temperature, FAN speed, CPU voltage
- LAN, Modem & Keyboard wakeup function

Audio:

- AC-Link with AC97 compliant
- Software Audio with AC97 Codec

I/O Interface:

- Two fast serial ports (16550), One EPP/ECP parallel port
- Built-in FDC supports 1.2M/1.44M/2.88M FDD
- Two enhanced PCI IDE channels which support up to 4 IDE devices with PIO Mode 4 transfers up to 16.6MB/sec
- Support Ultra DMA/66 transfers up to 66MB/sec
- PS/2 mouse and keyboard connectors
- Double Deck USB connectors
- IrDA/FIR support

System BIOS:

- Award BIOS with 4MB Firmware Hub
- Build-in Trend? ChipAway Anti-Virus program

Expansion Slots:

- Dedicated extension slot for riser card to provide PCI & ISA slots

Form Factor:

- LPX, 205mm (W) x 270mm (L) 4 Layer PCB



[\[Home\]](#) | [\[Back\]](#) | [\[Contact Us\]](#)