

GEMLIGHT Computer Ltd.

Intel 440LX Socket 370 microATX Motherboard w/ on Board Sound

Model: GMB-P6190

6190 is a high-performance green Socket 370 microATX motherboard with on board sound. The system core logic is based on Intel 440LX.

The Trident 4Dwave is an advanced PCI audio accelerator and differs radically from the traditional sound processor, which utilizes 3D-surround technology.

SPECIFICATION:

CPU:

Support Socket Celeron 300 - 466MHz processor

Chipset:

Intel 82440LX

Winbond W83977EF

Trident 4Dwave-NX

Architecture:

ISA, IBM PC/AT and PCI 2.1 compatible

AGP support - high performance, quality 3D accelerator by

eliminating the 3D bottlenecks with direct access to system

memory. Max. bandwidth 533MB/sec

Main Memory:

2 DIMM sockets constitute 4 memory banks

DIMM Type - 16/64/128MB 168-pin 3.3V SDRAM with SM

Bus connections for memory detection

ECC Functions ensure data correction and integrity (SDRAM only)

Maximum Size - 256MB

Power Management Features:



True green functions: support SMM, SMI and CPU stop clock

ACPI/PC97 compatible

LAN, Modem & Keyboard wakeup function

System BIOS:

Award 256KB PnP Flash ROM

Audio:

Trident 4D wave PCI sound system

Support Full Duplex & Plug n Play

Sound Blaster Compatible

MPU401 UART compatible MIDI interface

Qsoft positional 3D sound and Hardware Wavetable support

Dos Game compatibility

Overall PC99 compliance

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/33;” transfers up to 33MB/sec

PS/2 mouse and keyboard connectors

Double Deck USB connectors

IrDA / FIR support

Expansion Slots:

3 PCI bus master (1 shared)

1 16-bit ISA (1 shared)

1 32-bit AGP (66MHz)

Form Factor:

microATx, 240mm (W) x 190mm(L) 4 Layer PCB

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