

IP-4GVI20

Socket 478 ATX Board for Pentium® 4 / Celeron™ Processor with VGA / Gigabit LAN

Key-point:

- > Socket 478 for Intel® Pentium® 4 / Celeron™ Processor, up to 3.06GHz
- > Intel® 845GV Chipsets, 400 / 533 MHz FSB
- > Chipset integrated VGA function
- > Intel® 82540 Gigabit LAN, Support 10/100/1000 Base-TX Ethernet
- > 4 x USB 2.0 ports / 2 x COM ports
- > 1 x AGP / 4 x PCI / 3 x ISA Slots
- > WatchDog Timer & Hardware Monitoring function

Preliminary Specifications:

Processor:

- * Support Intel® Socket 478 Pentium® 4 / Celeron™ Processor
- * Up to 3.06GHz

Core Logic:

Intel® 845GV + ICH4 chipsets

BIOS:

Award BIOS

Front Side Bus Speed:

400 / 533 MHz

Memory:

Two 184-pins DIMM support 2GB DDR SDRAM (max.)

Onboard VGA Controller:

Intel® 845GV chipset integrated VGA function

LAN Controller:

Intel® 82540, for 10 / 100 / 1000 Base-TX Ethernet

Onboard IDE:

- * Two EIDE channels for PIO Mode, DMA Mode
- * Supports four ATA 100/66/33 IDE devices

Multi I/O:

Onboard Winbond® W83627HF chip, Support:

- * 1 x IrDA by 5-pin pin-header,
- * 1 x Floppy Interface,
- * 1 x SPP / EPP / ECP parallel port by pin-header,
- * **COM1/2: RS-232**

Keyboard / Mouse Connector:

Staked connector for PS/2 type keyboard /mouse

USB:

- * Support 4 x USB 2.0 ports
- * 2 x USB ports by pin-headers

WatchDog Timer:

16 Levels software programmable

Hardware Monitoring:

Winbond® W83627HF chip, Monitoring for CPU and system temperature, voltage and fan speed

Extension slot:

- * 1 x AGP slot for ADD card
- * 4 x PCI slots
- * 3 x ISA slots

Environments:

- * Operation temperature: 0°C to 60°C (32° F to 140° F)
- * Storage temperature: -20°C to 80°C (-68° F to 176° F)
- * Relative humidity: 10% to 90% (Non-Condensing)

Certification:

CE, FCC Approval

Others features

ITE® 8888 PCI to ISA bridge

Form Factor:

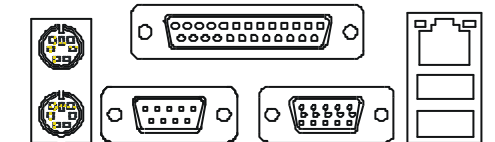
ATX form factor 12" x 8.7" (305mm x 220mm)

*Specification is subject to change without prior notice

Ordering Information:

Model No.	Position	Support LCD	Support VGA	Support SCSI	Support LAN	Support RAID
IP-4GVI20	Standard Product	---	Yes	---	Yes (Gigabit)	---

I/O Shield Layout



Note: The difference in the red word between the Ver0.0 and the Ver0.1.