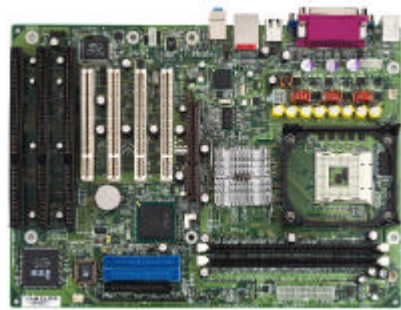


IP-4GVI22

Socket 478 ATX Board for Pentium® 4 / Celeron® (Prescott™ Core) Processor with VGA / Gigabit LAN / Audio

Key-point:

- > Socket 478 for Intel® Pentium® 4 / Celeron® (Prescott™ core) processor, up to 2.8GHz
- > Intel® 845GV chipsets, 400 / 533 MHz FSB
- > Chipset integrated VGA function
- > Support 10 / 100 / 1000 Base-TX Ethernet
- > AC97 Audio Codec, 6 x USB2.0 ports, 2 x COM ports
- > 1 x AGP slot for ADD card / 4 x PCI / 3 x ISA slots
- > WatchDog timer & Hardware monitoring function



Specifications:

Processor:

- * Support socket 478 Intel® Pentium® 4 / Celeron® (Prescott™ core) CPU
- * Up to 2.8GHz

Core Logic:

- * Intel® 845GV + ICH4 chipsets

BIOS:

- * Award BIOS

Front Side Bus Speed:

- * 400 / 533 MHz

Memory:

- * Two 184-pins DIMM, support 2GB DDR266 / 333 SDRAM (max.)

Onboard VGA Controller:

- * Intel® 845GV chipset integrated VGA function
- * 15-pins D-Sub VGA connector

LAN Controller:

- * Intel® 82541EI Gigabit LAN, for 10 / 100 / 1000 Base-T Ethernet

Onboard IDE:

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

Multi I/O:

Onboard Winbond® W83627HF chip, support:

- * 1 x IrDA by 5-pins pin-header
- * 1 x Floppy port by pin-header
- * 1 x SPP / EPP / ECP parallel port
- * 2 x COM ports for RS-232

Keyboard / Mouse Connector:

- * Staked connector for PS/2 type keyboard / mouse
- * 1 x 6-pins connector for external keyboard / mouse

Audio:

- * AC97 Audio codec

USB:

- * Support 6 x USB2.0 ports, two USB ports on rear panel
- * 4 x USB ports by pin-header, optional USB cable with bracket

WatchDog Timer:

- * 256 Levels software programmable

Hardware Monitoring:

- * Winbond® W83627HF chip, monitoring for CPU and system temperature, voltage and fan speed

Extension slot:

- * 1 x AGP4X slot for ADD card only
- * 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 pre-scan approval

Others features

- * ITE® 8888 PCI to ISA bridge

Form Factor:

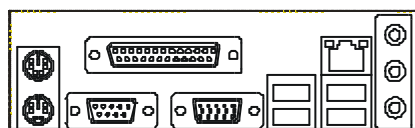
- * ATX form factor 12" x 8.7" (305mm x 220mm)

*Specification is subject to change without prior notice

Ordering Information:

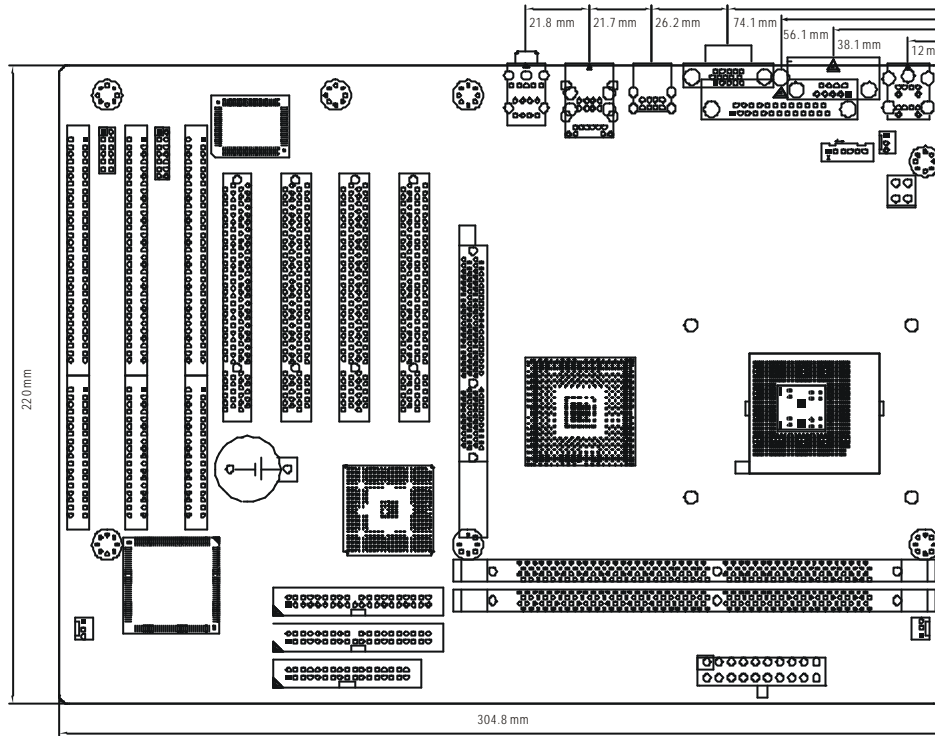
Model No.	Position	Support LCD	Support VGA	Support Gigabit LAN	Support Audio	Support AGP/PCI /ISA
IP-4GVI22	Standard Product	---	Yes	Yes	Yes	1(for ADD Card) / 4 / 3

I/O Shield Layout



IP-4GVI22

Mechanical Drawing:



Block Diagram:

