

IP-4GVI63

Socket 478 ATX Board for Pentium® 4 / P4-M / Celeron™ Processor with VGA / LAN / Audio

Key-point:

- > Socket 478 for Intel® Pentium® 4 / Celeron™ processor, up to 3.06GHz
 - or socket 478 for Intel® Pentium® 4 Mobile processor, up to 2.4GHz
- > Intel® 845GV chipsets, 400 / 533 MHz FSB, chipset integrated VGA function
- > Support 10 / 100 Base-TX Ethernet
- > AC97 Audio Codec, 6 x USB2.0 ports, 2 x COM ports
- > 1 x AGP slot for ADD card / 6 x PCI Slots
- > WatchDog timer & Hardware monitoring function



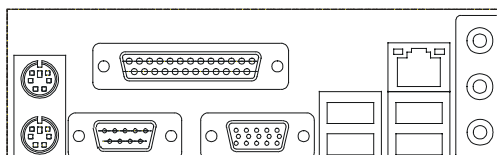
Specifications:

- ⊙ **Processor:**
 - * Support socket 478 Intel® Pentium® 4 / Celeron™ processor
 - * Up to 3.06GHz
 - * Support socket 478 Intel® Pentium® 4 Mobile processor
 - * Up to 2.4GHz
 - ⊙ **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® 82562ET LAN controller, for 10 / 100 Base-TX 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, and one 26-pins foil cable connector for slim Floppy disk drive
 - * 1 x SPP / EPP / ECP parallel port
 - * COM1 / 2 for RS-232
 - * COM3 / 4 for RS-232 or RS-422 / 485 (jumper selectable)
 - ⊙ **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, four USB ports on rear panel
 - * 2 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
 - * 6 x PCI 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**
 - * 4 x fan connectors
 - ⊙ **Form Factor:**
 - * ATX form factor 12" x 8.7" (305mm x 220mm)
- *Specification is subject to change without prior notice

Ordering Information:

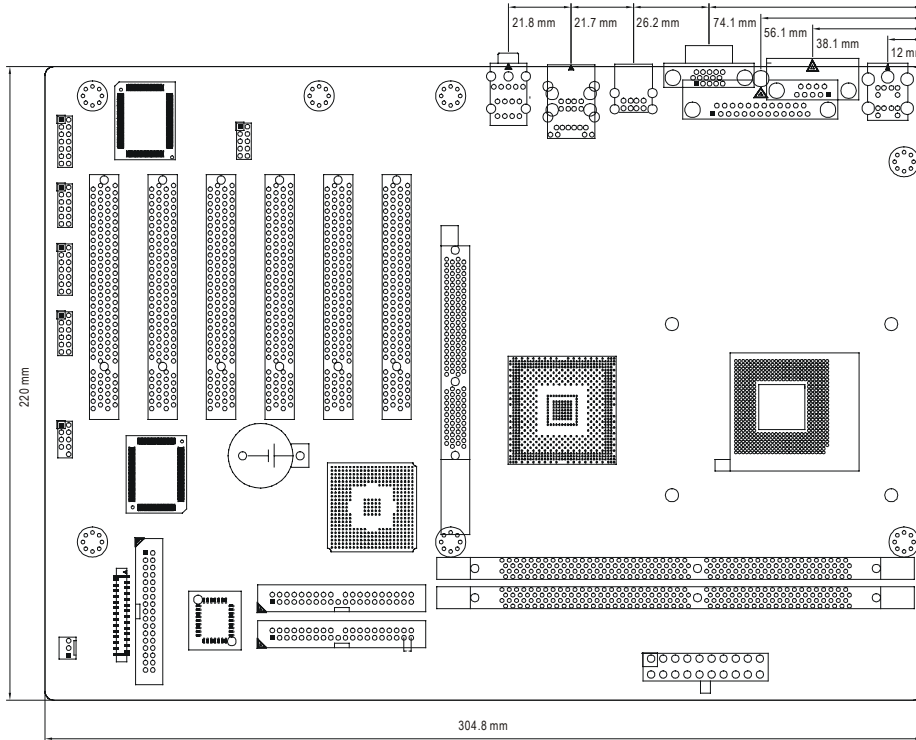
Model No.	Position	Support LCD	Support VGA	Support LAN	Support Audio	Support AGP/PCI/ISA
IP-4GVI63	Standard Product	---	Yes	Yes	Yes	1(for ADD Card) / 6 / 0

I/O Shield Layout



IP-4GVI63

Mechanical Drawing:



Block Diagram:

