

IP-4MTP2G

Socket 478 PICMG Card for Pentium® M Processor with LCD / VGA / Gigabit LAN / Audio (Optional) / CF

Key-point:

- > Socket 478 for Intel® Pentium® M processor, up to 1.8GHz
- > Intel® 855GME chipsets, 400 MHz FSB
- > Chipset integrated LVDS / VGA function
- > Support 10 / 100 / 1000 Base-TX Ethernet
- > Optional IP-ALCS20 audio card
- > 4 x USB2.0 ports, 2 x COM ports, CF socket
- > WatchDog timer & Hardware monitoring function



Preliminary Specifications:

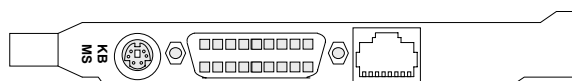
- ⊙ **Processor:**
 - * Support socket 478 Intel® Pentium® M processor
 - * Up to 1.8GHz
- ⊙ **Core Logic:**
 - * Intel® 855GME + ICH4 chipsets
- ⊙ **BIOS:**
 - * Award BIOS
- ⊙ **Front Side Bus Speed:**
 - * 400 / 533 MHz
- ⊙ **Memory:**
 - * Two 184-pins DIMM, support 2GB DDR200 / 266 SDRAM (max.)
- ⊙ **Onboard LVDS / VGA Controller:**
 - * Intel® 855GME chipset integrated LVDS, VGA function
 - * Support LVDS panel, display up to UXGA resolution
 - * Onboard one DVI connector & VGA pin-header
- ⊙ **LAN Controllers:**
 - * Intel® 82541GI Gigabit LAN, for 10 / 100 / 1000 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
 - * 1 x SPP / EPP / ECP parallel port by pin-header
 - * 2 x COM ports for RS-232
 - * CompactFlash™ type II socket (Occupy IDE2 Master)
- ⊙ **Keyboard / Mouse Connector:**
 - * 6-pins mini DIN for PS/2 type for keyboard / mouse
 - * 1 x 5-pins header connector for external keyboard
- ⊙ **Audio:**
 - * AC97 Audio pin-header (audio card with bracket by optional)
- ⊙ **USB:**
 - * Onboard 4 x USB2.0 ports by pin-header (cable by optional)
- ⊙ **WatchDog Timer:**
 - * 256 Levels software programmable
- ⊙ **Hardware Monitoring:**
 - * Winbond® W83627HF chip, monitoring for CPU and system temperature, voltage and fan speed
- ⊙ **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
 - * Support ISA High-Drive
- ⊙ **Form Factor:**
 - * Full Size, PICMG compliance
- ⊙ **Dimensions (L x W):**
 - * 13.3" x 4.8" (338mm x 122mm)

*Specification is subject to change without prior notice

Ordering Information:

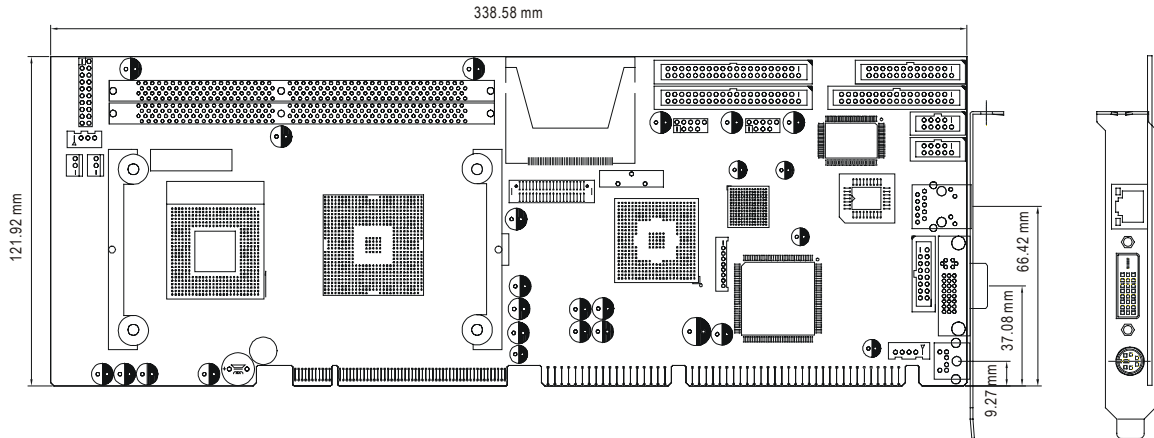
Model No.	Position	Support Pentium M CPU	Support LVDS Panel	Support VGA	Support Gigabit LAN	Support Audio
IP-4MTP2G	Standard Product	Yes	Yes	Yes	Yes	Optional IP-ALCS20

I/O Bracket Layout



IP-4MTP2G

Mechanical Drawing:



Block Diagram:

