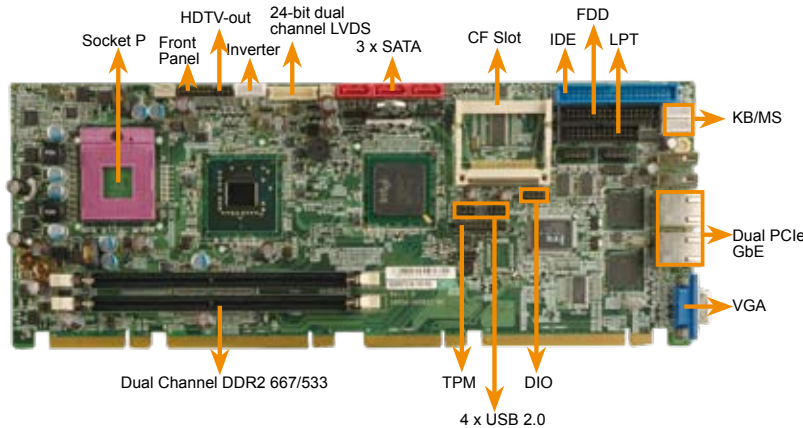







PCIE-9652

Full-size PICMG 1.3 CPU card supports mobile 65 nm Intel® Core™2 Duo processors with an 800 MHz FSB and comes with an Intel® GME965 GMCH, ICH8M-E I/O controller hub, dual GbE, three SATA II with RAID and ten USB 2.0



| Generation | Core™2 Duo | | |
|--------------|---|---|---|
| | 65nm | | 45nm |
| Process | 65nm | | 45nm |
| FSB | 533 / 667 MHz | 667 / 800 MHz | 800 MHz |
| Architecture | Merom Napa Refresh | Merom Santa Rosa | Penryn |
| |  |  |  |
| | Socket M | Socket P | Socket P |
| TDP | 34W | 35W | 29W |
| Platform |  | |  |
| | 945GME | | GME965 |



TPM 1.2 Support



24-bit Dual Channel LVDS



HD audio kit AC-KIT883HD



HDTV-CABLESET-01

Dual DDR2
667

FSB 800

Socket P



Specifications

- ◆ CPU
Socket P Intel® Core™2 Duo, Core™ Duo, Core™ Solo and Celeron® M Mobile processors with a 533 MHz or 800 MHz FSB
- ◆ System Chipset
Intel® GME965 + ICH8M-E
- ◆ BIOS
AMI BIOS
- ◆ Memory
Two 240-pin 2 GB (max.) 667 MHz or 533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4GB)
- ◆ Display Output
HDTV
(NTSC/PAL and Max. 1080i HDTV Resolution via Component output)
18/24-bit dual-channel LVDS
Analog CRT
- ◆ Ethernet
Dual Intel® 82573L PCIe GbE controllers
- ◆ I/O Interfaces
2 x RS-232
1 x LPT
1 x FDD
2 x 5-pin wafer on board for KB/MS
3 x SATA II with RAID 0, 1
1 x IDE
1 x CF type II
10 x USB 2.0 (Two on bracket, four on-board and four on backplane)
1 x TPM
- ◆ Infrared Interface
1 x Infrared by pin header
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Audio
10-pin on-board header connects to the IEI AC-KIT883HD 7.1 channel HD Audio kit
- ◆ Watchdog Timer
Software Programmable support 1~255 sec. System reset
- ◆ Power Supply
ATX
- ◆ Power Consumption
3.3 V @ 0.13 A, 5 V @ 5.3 A, 5 Vsb @ 0.04 A, 12 V @ 1.3 A running
3DMark® 2001 with a 2 GHz Intel® Core™2 Duo T7300 processor and 1 GB of 667 MHz DDR2 SDRAM
- ◆ Temperature
0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
5%~95% non-condensation
- ◆ Dimensions
338 mm x 126 mm
- ◆ Weight
GW:1.1 kg

Features

1. Supports mobile merom core 45/65 nm Intel® Core™2 Duo processors with an 800MHz FSB
2. Two 240-pin 2 GB (max.) 667 MHz or 533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4GB)
3. Supports analog CRT, 18/24-bit dual-Channel LVDS and HDTV output
4. Dual Intel® PCIe GbE controllers
5. Three 3.0 Gbps SATA II connectors with RAID function support

Packing List

| |
|---|
| 1 x PCIE-9652 single board computer |
| 1 x Mini jumper pack |
| 3 x SATA cable (P/N: 32000-062800-RS) |
| 1 x SATA power cable (P/N: 32100-088600-RS) |
| 1 x Dual RS-232 cable (P/N:19800-000051-RS) |
| 1 x USB cable (P/N: CB-USB02-RS) |
| 1 x Utility CD |
| 1 x QIG |

Ordering Information

| Part No. | Description |
|------------------|--|
| PCIE-9652-R10 | PICMG1.3 Full Size with Intel® 65nm Mobile Core™2 Duo Process(Merom) at FSB 800 MHz, Intel® GME965 & ICH8M-E Platform CRT/24-bit LVDS/HDTV output, Dual GbE, 3 SATA II with RAID, 10 USB 2.0 |
| TPM-WI01-R10 | 20-pin winbond TPM with software management tool |
| TPM-IN01-R10 | 20-pin infineon TPM with software management tool |
| CF-479B | CPU cooler |
| AC-KIT883HD-R10 | 7.1 channel HD audio kit with Realtek ALC883 supports dual audio streams |
| 32200-000017-RS | FDD cable |
| 19800-000066-RS | KB/MS cable with bracket |
| HDTV-CABLESET-01 | HDTV cable Set with S-Video/ Composite/ Component Interface |