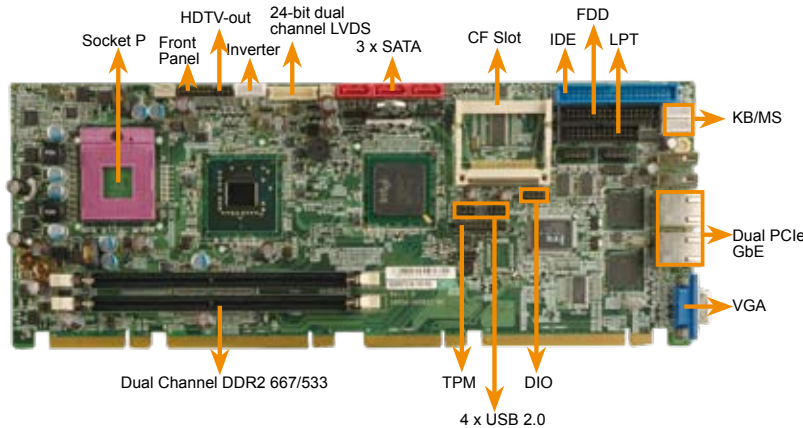







PCIE-9652

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			
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			
			



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