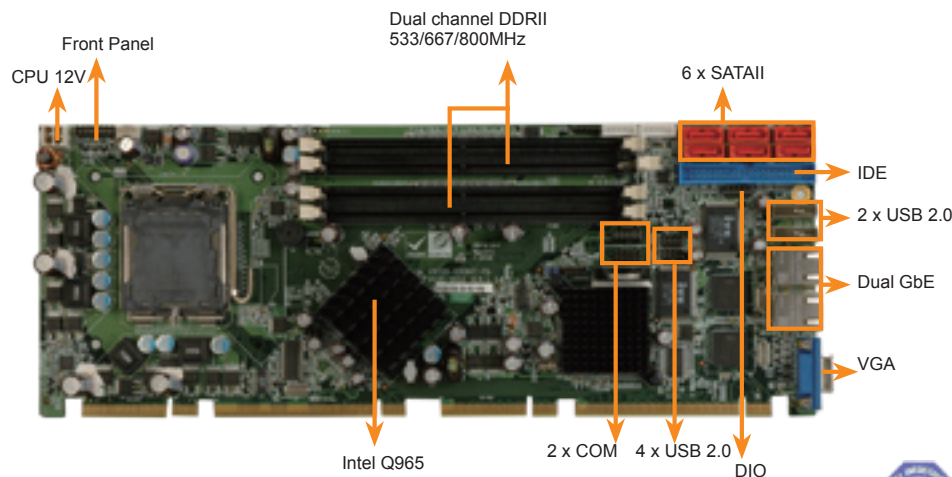


PCIE-9650

PICMG 1.3 LGA775 Intel Core 2 Quad CPU Card With
VGA, Dual PCIe GbE, SATA II and USB 2.0



Intel® Matrix
Storage Manager

Dual DDR II
800

FSB 1066



Specifications

- ◆ **CPU**
LGA 775 Intel® Core 2 Quad, Core 2 Duo, Pentium® D/4, Celeron® D with 533/800/1066MHz FSB
- ◆ **System Chipset**
Intel Q965 + ICH8DO
- ◆ **BIOS**
AMI Flash BIOS
- ◆ **System Memory**
4 x 240-pin dual channel DDRII 533/667/800 MHz up to 8GB
- ◆ **Ethernet**
Dual Intel PC82573L PCIe GbE chipset
- ◆ **I/O Interface**
2 x RS-232
6 x USB 2.0
6 x SATA II with Intel RAID 0,1,5 and 10
1 x IDE
1 x KB (by pin header)
1 x MS (by pin header)
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **IrDA**
1 x IrDA by pin header
- ◆ **Super I/O**
ITE IT8712F
- ◆ **Display Interface**
VGA Integrated in Intel Q965
- ◆ **Audio**
7.1 channel HD Audio Kit with Realtek ALC883 support dual audio streams
- ◆ **SSD**
N/A
- ◆ **Watchdog Timer**
Software programmable supports 1 ~255 sec. System reset
- ◆ **Power Supply**
ATX Power
- ◆ **Power consumption**
5V@5.32A, 12V@3.63A, 3.3V@ 4.8A
(Intel® Core 2 Duo E6600 2.4GHz, 2GB 800MHz DDR2)
- ◆ **Temperature**
operation: 0°C ~ 60°C (32 ~ 140°F)
- ◆ **Humidity**
operation: 5% ~95% non-condensing
- ◆ **Dimensions**
338 mm x 122 mm
- ◆ **Weight**
GW: 1200 g / NW: 474 g

Features

1. PICMG1.3 and RoHS compliant
2. LGA775 Intel® Core 2 Quad processor CPU support up to 1066MHz FSB
3. Dual channel DDRII 533/667/800 MHz support up to 8GB
4. High performance PCIe Gigabit Ethernet
5. 6 x SATA II with Intel Matrix Mstorage Manager support

Packing List

1 x PCIE-9650 Single Board Computer
1 x Mini Jumper Pack
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)
6 x SATA cable (P/N: 32000-0628000-RS)
3 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-9650-R10	PICMG 1.3 LGA775 Intel Core 2 Quad CPU Card With VGA, Dual PCI-E GbE, SATA II and USB 2.0
AC-KIT-883HD-R10	7.1 Channel HD Audio Kit with Realtek ALC883 support dual audio streams
32000-000075-RS	5-Pin wafer to PS/2 connector cable for Keyboard or Mouse
CB-USB14-RS	4 ports USB cable
CF-520-RS	CPU Cooler
CF-775A-RS	CPU Cooler
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO Card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO Card supports dual display (IEI CPU board only)

1

Single Board Computer

2

VIDEO CARD

3

Xscale Solutions

4

Open HMI

5

VITO Universal Controller

6

DINO BLADE

7

LCD Product Series

8

Embedded System

9

Industrial Computer Chassis

10

Power Supply

11

Peripherals