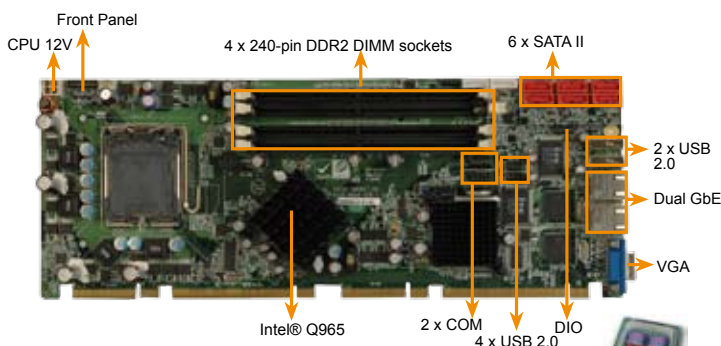


# PCIE-9650-R11

Full-size PICMG 1.3 CPU card supports LGA 775 Intel® Core™2 Quad processors and comes with VGA, dual PCIe GbE, SATA II and USB 2.0



Dual DDR2 800  
FSB 1066

Intel® Matrix Storage Manager



## Features

1. PICMG1.3 and RoHS compliant
2. Supports LGA775 Intel® Core™2 Quad processors with a 1066 MHz (max.) FSB
3. Four 240-pin 2 GB (max.) 800 MHz, 667 MHz or 533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 8 GB)
4. High performance Gigabit Ethernet
5. Six 3.0 Gbps SATA II with Intel Matrix Storage Manager support

## Specifications

- ◆ CPU  
LGA 775 Intel® Core™2 Quad, Core™2 Duo, Pentium® D, Pentium® 4 and Celeron® D processors with a 533 MHz, 800 MHz or 1066MHz FSB
- ◆ System Chipset  
Intel® Q965 + ICH8DO
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
Four 240-pin 2 GB (max.) 800 MHz, 667 MHz or 533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 8 GB)
- ◆ Ethernet  
Dual Intel® 82573L PCIe GbE controllers
- ◆ I/O Interface  
2 x RS-232  
10 x USB 2.0  
(Two on the bracket, four on-board and four on the backplane)  
6 x SATA II with Intel RAID 0,1,5 and 10  
1 x Keyboard  
1 x Mouse
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface  
1 x Infrared by pin header
- ◆ Super I/O  
ITE IT8712F
- ◆ Display Interface  
VGA Integrated in Intel® Q965
- ◆ Audio  
10-pin on-board header connects to the IEI AC-Kit883HD 7.1 channel HD Audio kit
- ◆ SSD  
N/A
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply  
ATX Power
- ◆ Power consumption  
5 V @ 7.02 A, 3.3 V @ 1.1 A, 5 VSB @ 0.29 A, 12 V (20-pin) @ 0.27 A, 12 V (4-pin) @ 6.66 A running an Intel® QX6700 processor and 4 GB of 800MHz DDR2 SDRAM
- ◆ Temperature  
Operation: 0°C ~ 60°C ( 32 ~ 140°F)
- ◆ Humidity  
Operation: 5% ~95% non-condensing
- ◆ Dimensions  
338 mm x 126 mm
- ◆ Weight  
GW: 1.2 kg / NW: 0.474 kg

## Packing List

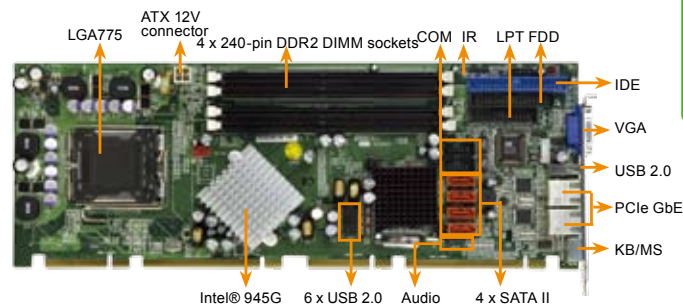
1 x PCIE-9650 single board computer
1 x Mini jumper pack
6 x SATA cable (P/N: 32000-062800-RS)
3 x SATA power cable (P/N: 32100-088600-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PCIE-9650-R11	PICMG 1.3 LGA775 Intel® Core™2 Quad CPU Card with VGA, Dual PCI-E GbE, SATA II and USB 2.0
AC-KIT883HD-R10	7.1 Channel HD Audio kit with Realtek ALC883 support dual audio streams
CB-USB14-RS	4 ports USB cable
CF-520-RS	High performance CPU cooler (115 mm x 115 mm x 67 mm, 115 W)
CF-775A-RS	High performance CPU cooler (92 mm x 92 mm x 73 mm, 130 W)
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)
19800-000066-RS	KB/MS cable with Bracket

# PCIE-9450-R30

Full-size PICMG 1.3 CPU card supports LGA 775 Intel® Core 2 Duo™, Pentium® D, Pentium® 4 and Celeron® D processors and comes with VGA, dual PCIe GbE, SATA II and USB 2.0



FSB 1066

Dual DDR2 800



## Features

1. PICMG 1.3 and RoHS compliant
2. Supports LGA775 Intel® Core™2 Duo, Pentium® 4, Pentium® D and Celeron® D processors with a 1066 MHz (maximum) FSB
3. Four 240-pin 1 GB (max.) 667 MHz, 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
4. Two high-performance PCIe GbE controllers
5. Four 3.0 Gbps SATA II connectors and seven USB 2.0 interfaces

## Specifications

- ◆ CPU  
LGA 775 Intel® Core™2 Duo, Pentium® 4, Pentium® D and Celeron® D processors with a 533 MHz, 800 MHz or 1066 MHz FSB
- ◆ System Chipset  
Intel® 945G+ ICH7R
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
Four 240-pin 1 GB (max.) 667 MHz, 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
- ◆ Ethernet  
Dual Broadcom BCM5787M PCIe GbE controllers
- ◆ I/O Interface  
2 x RS-232  
1 x LPT  
7 x USB 2.0  
(One on the bracket, two on-board and four on the backplane)  
4 x SATA II, with RAID 0,1,5 and 10  
1 x IDE  
1 x FDD  
1 x PS/2 for keyboard and mouse
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface  
1 x Infrared by pin header
- ◆ Audio  
5.1 channel AC'97 audio kit with Realtek ALC655 codec  
7.1 Channel HD audio kit with Realtek ALC883
- ◆ Display  
VGA Integrated in Intel® 945G
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply  
4-pin ATX 12V, 24-pin ATX Power on PICMG1.3 backplane
- ◆ Power Consumption  
12 V @ 9 A, 5 V @ 2.6 A, 3.3 V @ 6.3 A, 5 Vsb @ 0.93 A, -12 V @ 0.1 A running a 3.73 GHz Intel® Pentium® D processor with 4 GB of 667 MHz DDR2 SDRAM
- ◆ Temperature  
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity  
Operation: 5% ~ 95% non-condensing
- ◆ Dimensions  
338 mm x 126 mm
- ◆ Weight  
GW: 1.2 Kg

## Packing List

1 x PCIE-9450 single board computer
1 x Mini jumper pack
1 x ATA 66 flat cable (P/N: 32200-000052-RS)
4 x SATA cable (P/N: 32000-062800-RS)
2 x SATA power cable (P/N: 32100-088600-RS)
1 x KB/MS Y-cable (P/N: 32000-133200-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-9450-R30	PICMG 1.3 LGA 775 1066 MHz, 800 MHz or 533 MHz FSB CPU Card with VGA, PCIe GbE, SATA II-300 and USB 2.0
AC-KIT08R-R10	5.1 channel AC'97 audio kit with Realtek ALC655
AC-KIT883HD-R10	7.1 channel HD audio kit with Realtek ALC883 supports dual audio streams
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)
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network/Communication/Peripherals