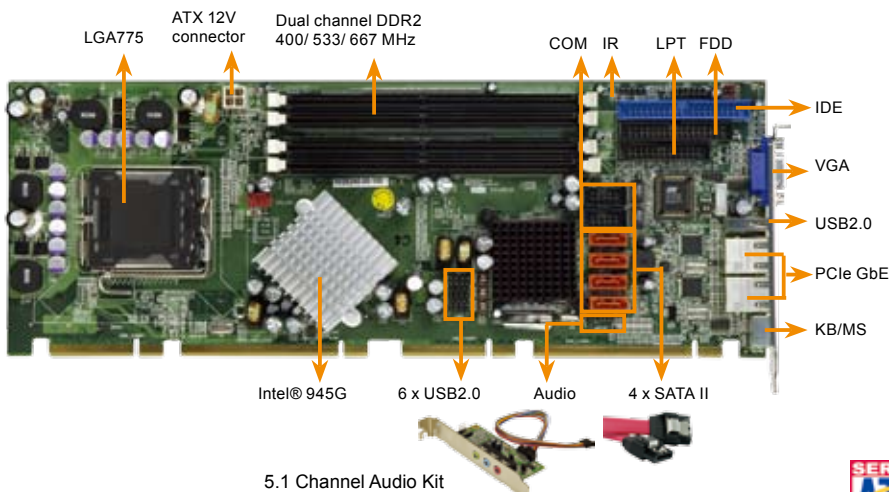


# PCIE-9450-R20

PICMG 1.3 LGA 775 Intel® Core 2 Duo™ Pentium® D/4 Celeron® D CPU Card with VGA, Dual PCIe GbE, SATA II and USB 2.0



- 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

## Specifications

- ◆ **CPU**  
LGA 775 Intel® Core 2 Duo, Pentium® 4/D, Celeron® D with 533/800/1066 MHz FSB
- ◆ **System Chipset**  
Intel® 945G+ ICH7R
- ◆ **BIOS**  
AMI Flash BIOS  
SMIBIOS (DMI) compliant  
Console redirection function support  
PXE (Pre-Boot Execution Environment ) support  
USB booting support
- ◆ **System Memory**  
4 x 240-pin dual channel DDRII 400/533/667 MHz up to 4GB
- ◆ **Ethernet**  
Dual PCIe GbE Broadcom BCM5787M chipsets
- ◆ **I/O Interface**  
2 x RS-232  
1 x LPT  
7 x USB 2.0  
2 by pin header (CPU Board) + 1 by bracket +4 by pin header(backplane )  
4 x SATA II, with RAID 0,1,5 and 10  
1 x IDE  
1 x FDD  
1 x PS/2 for KB&MS
- ◆ **Digital I/O**  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **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**  
12V@9A, 5V@2.6A, 3.3V@6.3A, 5Vsb@0.93A, -12V@0.1A (Pentium D 3.73GHz/1066 MHz CPU with 4GB DDR2-667MHz)
- ◆ **Temperature**  
operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**  
3 38mm x 122mm
- ◆ **Weight**  
GW: 1.2Kg

## Features

1. PICMG 1.3 and RoHS compliant
2. LGA775 Intel® Core 2 Duo, Pentium® 4/D, Celeron® D CPU support up to 1066MHz FSB
3. Dual channel DDRII 400/533/667 MHz support up to 4GB
4. High performance PCIe Gigabit Ethernet chipset
5. 4 x SATA II, 7 x USB 2.0(6 by pin header)
6. Support PCIe x16 Graphic Card, Four PCIe x1 and four PCI expansions.

## Packing List

1 x PCIE-9450 single board computer
1 x Mini jumper pack
1 x ATA 66/100 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: 32000-000138-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-R20	PICMG 1.3 LGA 775 533/800/1066 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-KIT-883HD-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