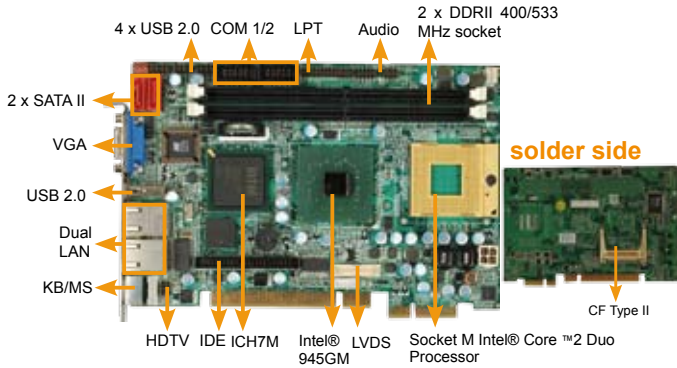


# PIC0e-9452-R20

Half-size PCIe CPU card supports Intel® Core™2 Duo processors and comes with VGA, LVDS, HDTV-out, USB 2.0, SATA and audio



## Features

1. PIC0e CPU card support PCI and PCIe add on cards
2. Intel® Core™2 Duo CPU support FSB 667 MHz
3. Support DDRII 400/533/667 MHz up to 4GB
4. Support VGA, 18/24-bit dual channel LVDS
5. Two RS-232, five USB 2.0 and two SATA



## Specifications

- ◆ CPU  
Socket M Intel® Core™2 Duo, Core™ Duo, Core™ Solo, Celeron® M Mobile Processor with a 533 MHz or 667 MHz
- ◆ System Chipset  
Intel® 945GM + ICH7M
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
Two 240-pin 2 GB (max.) 667 MHz, 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
- ◆ Ethernet  
Intel® 82573 PCIe GbE controller  
Intel® 82562 10/100 Mbps Ethernet controller
- ◆ I/O Interface  
2 x RS-232  
1 x LPT  
5 x USB 2.0 (Four on-board and one on the bracket)  
2 x SATA  
1 x IDE  
1 x CF Type II  
1 x 6-pin header for Keyboard and mouse
- ◆ Digital I/O  
8-bit Digital IO (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® 945GME  
18/24-bit dual-channel LVDS  
TV-out support NTSC/PAL/HDTV resolution (1080i MAX.) output
- ◆ Audio  
7.1 Channel HD Audio Kit with Realtek ALC883 support dual audio streams  
5.1 Channel Audio Kit with Realtek ALC655 AC'97 codec
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply  
AT/ATX Power
- ◆ Power consumption  
5V@3.49A, 3.3V@.0.2A, 12V@1.75A (Intel® Core™2 Duo, T7400 2.16GHz, 512MB, 667MHz DDR2 )
- ◆ Temperature  
Operating: 0°C ~ 60°C ( 32° F ~ 140° F)
- ◆ Humidity  
Operating: 5% ~95 non-condensing
- ◆ Dimensions  
185 mm x 122 mm
- ◆ Weight  
GW: 1000 g / NW: 171 g

## Packing List

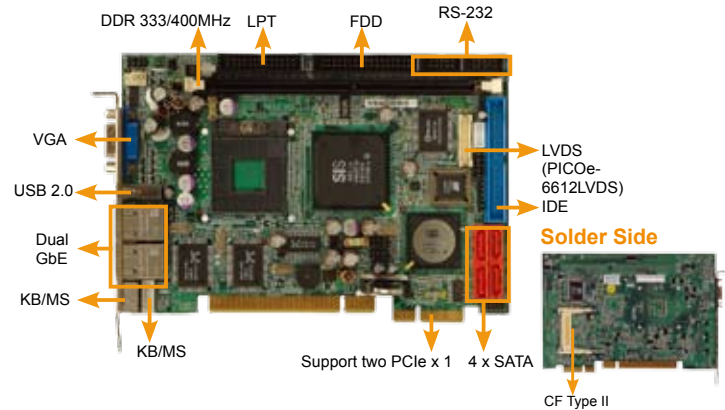
1 x PIC0e-9452 single board computer
1 x Mini jumper pack
1 x IDE flat cable 44p/40p/40p (P/N: 32200-008800-RS )
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
1 x KB/MS cable (P/N: 32000-133200-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N CB-USB02-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PIC0e-9452-R20	PCIe CPU Card Intel® Core™2 Duo CPU with VGA/LVDS/ LAN/ GbE, USB 2.0, SATA and Audio
AC-KIT883HD-R10	7.1 channel HD audio kit with realtek ALC883 support dual audio streams
AC-KIT08R-R10	5.1 channel AC'97 audio kit with realtek ALC655
32200-015100-RS	LPT cable
HDTVCABLESET-01	HDTV cable set with S-Video/ Composite/ Component Interface
CF-479B-RS	CPU cooler

# PIC0e-6612LVDS

Half-size PCIe CPU card supports Intel® Pentium® M and Celeron® M processors with a 400 MHz or 533 MHz FSB and comes with VGA, LVDS, dual GbE, USB 2.0, SATA and audio



## Features

1. PIC0e CPU card supports Intel® Pentium® M and Celeron® M processors with a 400 MHz or 533 MHz FSB
2. One 184-pin 1 GB (max.) 333 MHz or 400 MHz dual-channel DDR SDRAM DIMM supported (system max. 1 GB)
3. Support VGA, 24-bit dual channel LVDS (PIC0e-6612LVDS)
4. Two RS-232, five x USB 2.0 and four SATA connectors with RAID function support

## Specifications

- ◆ CPU  
Socket 479 Intel® Pentium® M and Celeron® M processors with a 400 MHz or 533 MHz FSB
- ◆ System Chipset  
SiS661CX + SiS966
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
One 184-pin 1 GB (max.) 333 MHz or 400 MHz dual-channel DDR SDRAM DIMM supported (system max. 1 GB)
- ◆ Ethernet  
Dual RTL8110SC GbE controllers
- ◆ I/O Interface  
2 x RS-232  
5 x USB 2.0 (1 on bracket, 4 on board)  
1 x IDE  
1 x FDD  
1 x LPT  
1 x Infrared  
1 x CF Type II  
4 x SATA with RAID 0,1, 0+1, and JBOD function support
- ◆ Keyboard and mouse (PS/2)  
1 x 6-pin header for Keyboard and mouse
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
Winbond W83697HG
- ◆ Audio  
5.1 Channel Audio Kit with Realtek ALC655 AC'97 codec
- ◆ Display Interface  
VGA integrated in SiS661CX  
24-bit dual-channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. System reset
- ◆ Power Supply  
AT and ATX support
- ◆ Power Consumption  
5 V @ 6.59 A, +12 V @ 0.12 A running a 2.13 GHz 2 MB L2 cache Intel® Pentium® M processors with one 400 MHz 1 GB DDR DIMM
- ◆ Temperature  
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions:  
185 mm x 122 mm
- ◆ Weight:  
GW: 1.0 kg

## Packing List

1 x PIC0e-6612 single board computer
1 x Mini jumper pack
1 x ATA66 flat cable (P/N: 32200-000052-RS)
2 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 KB/MS Y cable (P/N: 32000-133200-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PIC0e-6612-R10	PCIe CPU Card Intel® Pentium® M/ Celeron® M FSB 533MHz with VGA, Dual LAN, USB 2.0, and SATA
PIC0e-6612LVDS-R10	PCIe CPU Card Intel® Pentium® M/ Celeron® M FSB 533MHz with VGA/ LVDS, Dual LAN, USB 2.0, SATA
AC-KIT08R-R10	5.1 channel audio kit with realtek ALC655
CF-479B-RS	CPU cooler
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