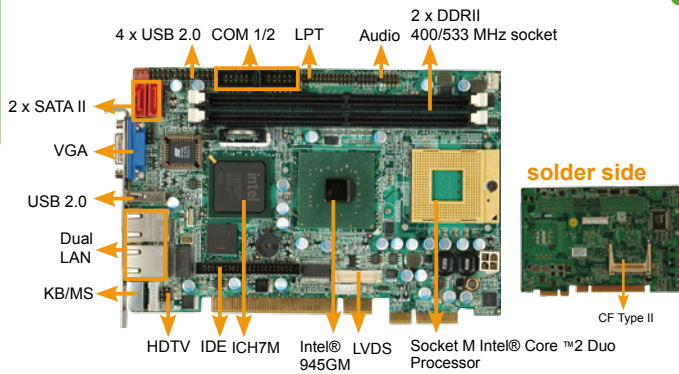


# PIC0e-9452-R20

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
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery



## Specifications

- ◆ CPU: Socket M Intel® Core™2 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

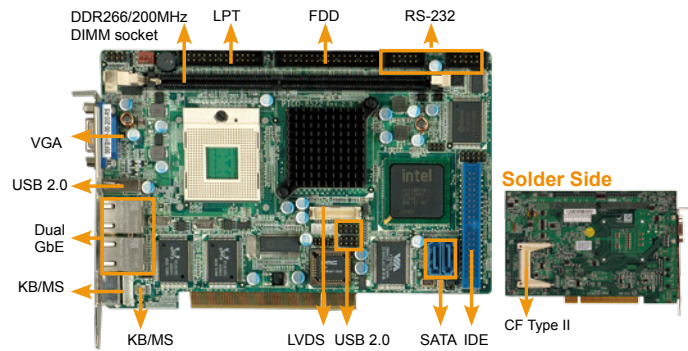
1 x PIC0e-9452 single board computer
1 x Mini jumper pack
1 x IDE flat cable 44p/40p/40p (P/N: 32200-008800-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA power cable (P/N: 32102-000100-100/200-RS)
1 x KB/MS cable (P/N: 32000-133200-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N: 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

# PIC0-8522-R20

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



## Features

1. PCI CPU card, Intel® Pentium® M/ Celeron® M 400MHz FSB
2. One 184-pin 1 GB (max.) 200 MHz or 266 MHz DDR SDRAM DIMM supported (system max. 1 GB)
3. Supports VGA, 18/24-bit dual channel LVDS
4. Two RS232 and five USB 2.0
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU: Socket 479: Intel® Pentium® M or Celeron® M with a 400 MHz FSB
- ◆ System Chipset: On-board Intel® Celeron® M 1 GHz zero cache; Intel® 852GM + ICH4
- ◆ BIOS: AMI BIOS
- ◆ System Memory: One 184-pin 1 GB (max.) 200 MHz or 266 MHz DDR SDRAM DIMM supported (system max. 1 GB)
- ◆ Ethernet: Dual Realtek RTL8110SC PCI GbE controllers
- ◆ I/O Interface: 2 x RS-232, 5 x USB 2.0, 2 x SATA with VIA VT6421A RAID 0,1 function, 1 x IDE, 1 x FDD, 1 x LPT, 1 x 5-pin header for keyboard, 1 x Keyboard and mouse connector (PS/2)
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O: Winbond W83627EHG
- ◆ Audio: 5.1 Channel audio kit with realtek ALC655 AC'97 codec
- ◆ SSD: CF Type II
- ◆ Display: VGA integrated in the Intel® 852GM GMCH 18/24-bit dual-channel LVDS
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: AT and ATX support
- ◆ Power Consumption: 5V@4.64A (Celeron® M 1.6G/DDR333 1G), 5V@2.78A (Celeron® M 1G/DDR333 1G)-3D Mark
- ◆ Temperature: Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity: Operating: 5% ~ 95% non-condensing
- ◆ Dimensions: 185 mm x 122 mm
- ◆ Weight: GW: 1.0kg

## Packing List

1 x PIC0-8522 single board computer
1 x Mini jumper pack
1 x ATA66 flat cable (P/N: 32200-000052-RS)
1 x SATA cable (P/N: 32000-062800-RS)
1 x KB/MS Y cable (P/N: 32000-133200-RS)
1 x Dual RS232 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
PIC0-8522-R20	PCI CPU Card Intel® Pentium® M/ Celeron® M FSB 400 MHz with VGA/ LVDS Dual GbE, SATA and USB 2.0
PIC0-8522-1GZ-R20	PCI CPU Card Intel® Celeron® M 1GHz/ Zero cache FSB 400 MHz with VGA/ LVDS, Dual GbE, SATA and USB 2.0
AC-KIT08R-R10	5.1 channel AC'97 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 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

6 Panel Solutions

7 ORing Network Communication

8 Power Supply Peripherals