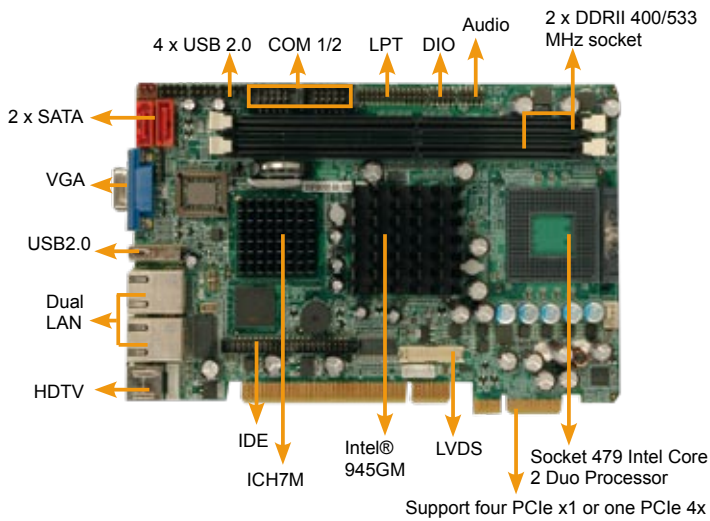


# PIC0e-9452

PCIe CPU Card Intel Core 2 Duo CPU with VGA/LVDS/TV-out, USB 2.0, SATA and Audio



## solder side



CF Type II



32000-083100-RS TV-out cable



## Specifications

- ◆ CPU  
Socket M Intel® Core 2 Duo, Core Duo/Solo with 533/667MHz FSB  
Intel® Celeron M 533MHz (Yonah Core) FSB
- ◆ System Chipset  
Intel® 945GM + ICH7M
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
2 x 240-pin dual channel DDRII 400/ 533/ 667 MHz up to 4GB
- ◆ Ethernet  
Intel® 82573 PCIe GbE chipset  
Intel® 82562 Ethernet 10/100 Mbps LAN
- ◆ I/O Interface  
2 x RS-232  
1 x LPT  
5 x USB 2.0  
2 x SATA  
1 x IDE  
1 x PS2 KB/MS
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ IrDA  
1 x IrDA by pin header
- ◆ Super I/O  
IT8712FHX
- ◆ Display Interface  
VGA integrated in Intel® 945GM  
18-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
- ◆ SSD  
CF type II
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply  
AT/ATX Power
- ◆ Power consumption  
5V@3A, 12V@0.17A, 3.3V@ 0.77A(Intel® Core Duo T2500  
2.00GHz/667 MHz CPU with 512MB DDR2 667MHz)
- ◆ Temperature  
operation: 0°C ~ 60°C ( 32° F ~ 140° F)
- ◆ Humidity  
operation: 5% ~95 non-condensing
- ◆ Dimensions  
185 mm x 122 mm
- ◆ Weight  
GW: 1000 g / NW: 171 g

## Features

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

## 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: 32000-0628000-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x KB/MS cable ( P/N: 32000-023800-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-R11	PCIe CPU Card Intel Core 2 Duo CPU with VGA/ LVDS/ LAN/GbE, USB 2.0, SATA and Audio
AC-KIT-883HD-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
32000-083100-RS	TV-out Cable with Composite/S-video/Component Output(MAX. 1080i HDTV Resolution supported)
CF-479B-RS	CPU Cooler

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