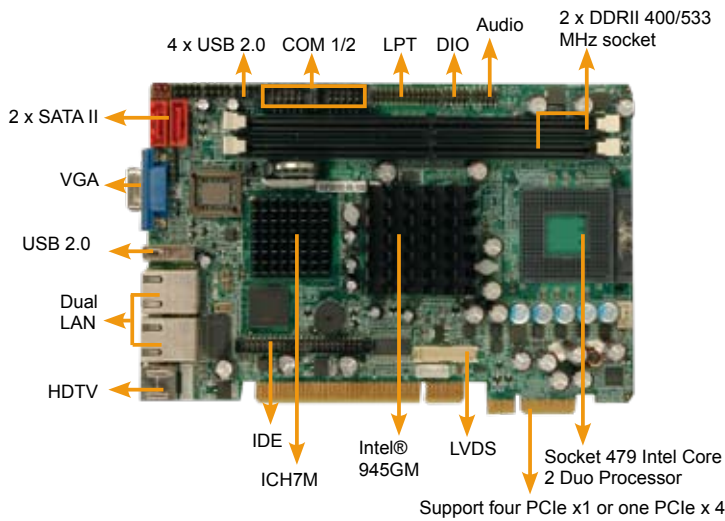


PIC0e-9452-R11

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



solder side



CF Type II



32000-083100-RS
TV-out cable

Dual DDR2
667

FSB667



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 6-pin header for Keyboard and mouse
- ◆ Digital I/O
8-bit Digital IO (4-bit input / 4-bit output)
- ◆ Infrared
1 x Infrared by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Display Interface
VGA integrated in Intel® 945GME
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 AC'97 codec
- ◆ SSD
CF type II
- ◆ 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

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-bit dual channel LVDS
5. Two RS-232, five USB 2.0 and two 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: 32000-062800-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
1 x KB/MS cable with bracket (P/N: 19800-000075-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-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
32000-083100-RS	TV-out Cable with Composite/S-video/Component Output(MAX. 1080i HDTV Resolution supported)
CF-479B-RS	CPU Cooler

1
Application
Server
Platform

2
Single
Board
Computer

3
IBX Series
POS PC

4
AFOLUX
POS
Panel PC

5
Video
Capture
Card

6
KAMIO
RISC

7
IOVU
Open HMI

8
VITO
Universal
Controller

9
DINO
BLADE

10
LCD
Product
Series

11
Embedded
System

12
Industrial
Computer
Chassis

13
Power
Supply

14
Peripherals