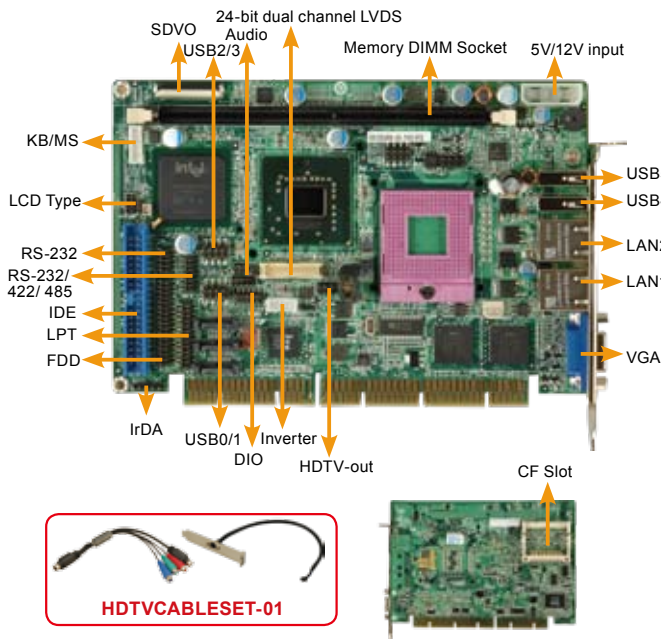


# PCISA-9652

Half-size PCISA CPU card supports a Mobile Intel® Core™2 Duo or Celeron® M processor with a 533 MHz, 667 MHz or 800 MHz and comes with an Intel® GME965, Intel® ICH8M I/O controller hub, dual PCIe GbE, three 3.0 Gbps SATA II, 24-bit dual-channel LVDS, analog CRT and USB 2.0



## Specifications

- ◆ CPU
  - Socket P Intel® Core™2 Duo, Core™ Duo, Core™ Solo, Celeron® M Mobile Processor with a 533 MHz or 800 MHz
- ◆ System Chipset
  - GME965+ICH8-ME
- ◆ BIOS
  - AMI BIOS Label
- ◆ Memory
  - One 240-pin 2 GB (max.) 533 MHz or 667 MHz dual-channel DDR2 SDRAM DIMM supported
- ◆ Graphic
  1. Integrated Mobile Intel® GMA X3100 supports 2048x1536 (QXGA) at 60-Hz, 32-bpp
  2. Intel® Clear Video Technology supports MPEG-2 / WMV9 Hardware Acceleration, DirectX 9, OpenGL\* 1.5, HW Pixel Shader 3.0
- ◆ Display Output
  - Analog CRT
  - 24-bit dual-channel LVDS
  - HDTV-out support 1080i (Max.) resolution
- ◆ Ethernet
  - Dual Intel® 82573L PCIe GbE controllers
- ◆ I/O Interfaces
  - 1 x RS-232
  - 1 x RS-232/422/485
  - 1 x LPT
  - 1 x FDD
  - 1 x 6-pin header for Keyboard and mouse
  - 1 x IDE
  - 3 x SATA II
  - 6 x USB2.0 (Four on-board and two on the bracket)
  - 1 x Front\_Panel (ACPI/IDE indicator, Speaker, Power Boton, Reset)
- ◆ Digital I/O
  - 8-bit digital I/O (4-bit input, 4-bit output)
- ◆ SSD
  - CF Type II
- ◆ Audio
  - Supports 7.1 channel HD audio via AC-KIT883HD
- ◆ WDT
  - Software Programmable support 1~255 sec. System reset
- ◆ Power Supply
  - AT and ATX support
- ◆ Power Consumption
  - 5 V @ 7.72 A, 12 V @ 0.139 A running a 2.0 GHz Intel® Core 2 Duo T7300 processor with 667 MHz 1GB DDR2 DIMM
- ◆ Temperature
  - operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity operation
  - 5% ~ 95% non-condensing
- ◆ Dimension
  - 185 mm x 127.6 mm
- ◆ Weight
  - GW: 1.0 kg

Generation	Core™2 Duo		
	65nm		45nm
Process	677 / 533 MHz		1066 / 800MHz
FSB	677 / 533 MHz		1066 / 800MHz
Architecture	Merom Napa Refresh	Merom Santa Rosa	Penryn
	Socket M	Socket P	Socket P
TDP	34W		35W
Platform			
	945GM	GME965	Intel Cantiga EXPRESS CHIPSET

Dual DDR2  
667

FSB800

Socket P



24-bit Dual Channel LVDS

Dual Display

PCISA  
BUSGigabit  
Ethernet

USB

## Features

1. Supports 65 nm Socket P Intel® Mobile Core™2 Duo and Celeron® M processors with a 667 MHz or 800 MHz FSB
2. Intel® GM965 integrates with GMAX3100 graphics engine and delivers high quality video playback
3. HDTV-out, LVDS and VGA display output with support for dual-display function
4. Dual PCIe GbE, three SATA II, CF Type II, and rich IO design

## Packing List

1 x PCISA-9652 single board computer
1 x Mini jumper pack
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)
1 x LPT/RS-232 cable (P/N:19800-000027-RS)
2 x SATA cable (P/N:32000-000138-RS)
1 x SATA power cable (P/N:32100-087100-RS)
1 x USB cable (P/N: CB-USB02A-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PCISA-9652-R10	Half Size PCI and ISA SBC with Intel® Mobiel Core 2 Duo / Celeron M CPU at FSB 800/533 MHz, GME 965 and ICH8M-E, Dual PCIe GbE, 3 SATII, 24-bit Dual Channel LVDS Output, USB2.0
CPU Cooler	CF-479B-RS
32200-000017-RS	2.54 mm/2.54 mm 34-pin FDD Cable w/o Bracket
19800-000075-RS	KB/MS cable with bracket
HDTVCABLESET-01	HDTV Cable set with S-Video/ Composite/ Component interface

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