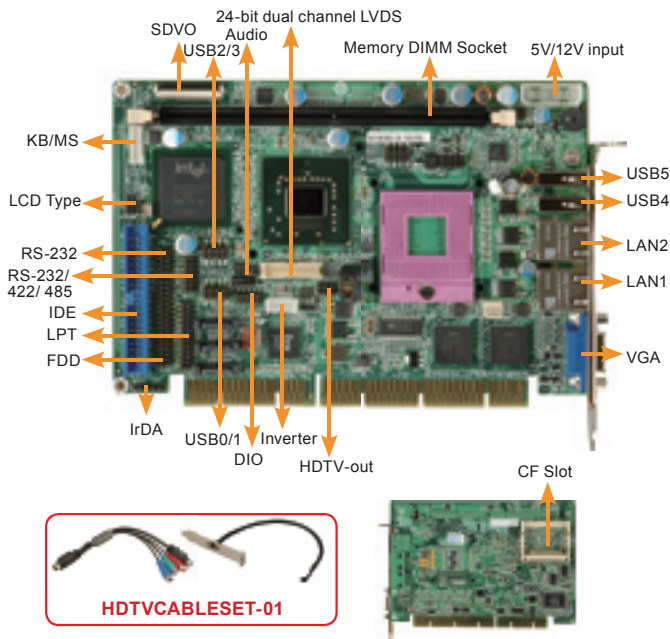








PCISA-9652

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-E 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+ICH8M-E
- ◆ BIOS
AMI BIOS Label
- ◆ Memory
One 240-pin 2 GB (max.) 533 MHz or 667 MHz 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 with RAID 0,1
 - 6 x USB2.0 (Four on-board and two on the bracket)
 - 1 x Front_Panel (ACPI/IDE indicator, Speaker, Power Button, 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 |
| | | |  |

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 RS-232/422/485 cable with bracket (P/N:32200-000077-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-USB02-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, GME965 and ICH8M-E, Dual PCIe GbE, 3 SATII, 24-bit Dual Channel LVDS Output, USB2.0 |
| CPU Cooler | CF-479B-RS |
| 32200-000058-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