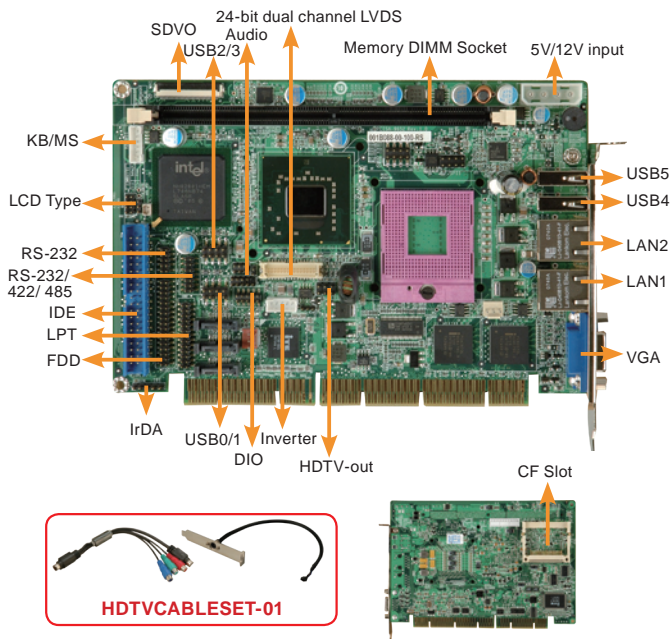


PCISA-9652

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



Generation	Core™2 Duo		
	Process	65nm	45nm
FSB	677 / 533 MHz	800 / 667 MHz	1066 / 800MHz
Architecture	Merom Napa Refresh	Merom Santa Rosa	Penryn
	Socket M	Socket P	Socket P
TDP	34W	35W	29W
Platform	945GM	GME965	Intel Cantiga EXPRESS CHIPSET

DDR2 667

FSB 800

Socket P



24-bit Dual Channel LVDS

Dual Display

PCISA BUS

Gigabit Ethernet

Hi-Speed USB

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

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 GMA X3100 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 ATA 66/100 flat cable (P/N: 32200-000052-RS)
1 x Mini Jumper Pack
1 x LPT/RS-232 cable (P/N:19800-000027-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA Power cable (P/N: 32100-088600-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® Mobile Core™2 Duo / Celeron® M CPU at FSB 800/533MHz, GME965 and ICH8M-E, Dual PCIe GbE, 3 SATAII, 24-bit Dual Channel LVDS Output, USB 2.0
CF-479B-RS	CPU cooler (50mm x 50mm x 26mm, 50W)
32200-000058-RS	FDD cable w/o bracket
32200-000077-RS	RS-232/422/485 cable with bracket
19800-000075-RS	KB/MS cable with bracket
AC-KIT883HD-R10	7.1 Channel HD Audio Kit with Realtek ALC883 support dual audio streams
HDTVCABLESET-01	HDTV Cable set with S-Video / Composite / Component interface