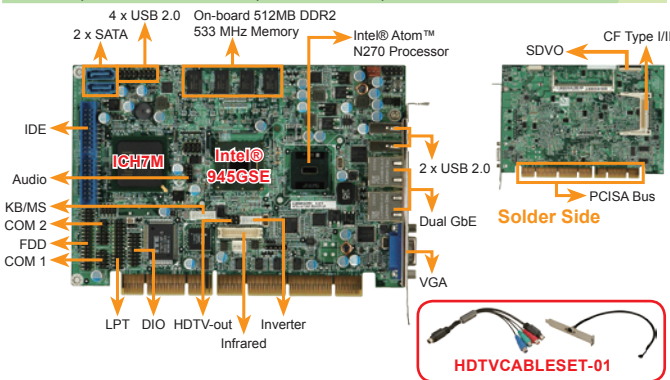


PCISA-945GSE-R11

Half-size PCISA CPU card with Intel® Atom™ processor, 512 MB memory on board, VGA/LVDS/HDTV-out, Dual PCIe GbE, USB 2.0 and SATA



Features

1. PCISA CPU card supports four PCI and ISA expansions
2. Intel® Atom™ N270 processors at 1.6GHz core speed with a 533MHz FSB and 512KB L2 cache
3. 512 MB of 533 MHz DDR2 SDRAM on board
4. Supports VGA, HDTV-out up to 1080i and 18-bit dual-channel LVDS with dual display support
5. Two SATA, one IDE, floppy and CF type I/II for data storage
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU: On-board Intel® Atom™ N270 processor 1.6 GHz 512 KB L2 cache with a 533 MHz FSB
- ◆ System Chipset: Intel® 945GSE + ICH7M
- ◆ BIOS: AMI BIOS
- ◆ System Memory: On-board 512 MB DDR2 533 MHz memory. One 200-pin (system memory max. 2GB) 533MHz DDR2 SDRAM DIMM supported
- ◆ Ethernet: Dual PCIe Realtek 8111CP GbE
- ◆ I/O Interface:
 - 1 x RS-232
 - 1 x RS-232/422/485
 - 2 x SATA
 - 1 x LPT
 - 1 x IDE
 - 1 x FDD
 - 1 x CF type I/II
 - 1 x 6-pin header for KB/MS
 - 6 x USB 2.0 (2 on bracket, 4 on board by pin header)
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/4-bit output
- ◆ Infrared Interface: 1 x Infrared by pin header
- ◆ Super I/O: ITE I8718F
- ◆ Display Interface: VGA integrated in Intel® 945GSE. HDTV/TV supports NTSC/PAL and HDTV resolution up to 1080i 18-bit dual-channel LVDS
- ◆ Audio: Supports 7.1 channel HD audio or 5.1 channel AC'97 audio by IEI audio kits
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: AT/ATX power
- ◆ Power consumption: 5V@2.89A, 12V@0.22A (Intel® Atom™ N270 1.6GHz/533 MHz CPU with 512 MB 533 MHz DDR2)
- ◆ Temperature: Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity: Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions: 185 mm x 127.6 mm
- ◆ Weight: GW: 1000g/NW: 252g

Packing List

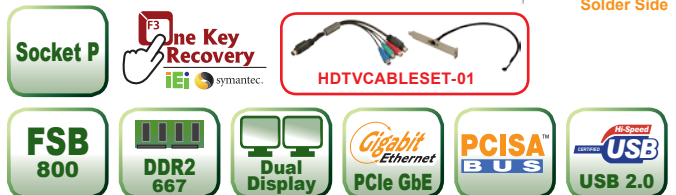
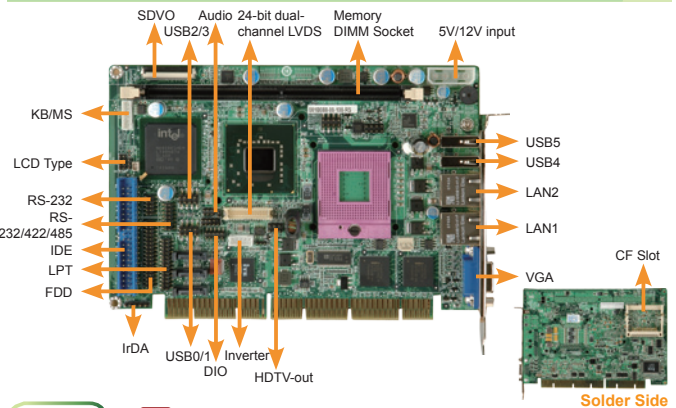
1 x PCISA-945GSE single board computer	
1 x LPT/RS-232 cable (P/N: 19800-000027-RS)	
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32801-000703-200-RS)	1 x QIG
1 x One Key Recovery CD	1 x Utility CD

Ordering Information

Part No.	Description
PCISA-945GSE-N270-512MB-R11	PCISA CPU card with Intel® Atom™ N270 1.6G processor, 512 MB memory on board, VGA/LVDS/HDTV-out, dual PCIe GbE, USB 2.0, SATA
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
AC-KIT08R-R10	5.1 channel AC'97 audio kit with Realtek ALC655
HDTVCABLESET-01	HDTV cable set with S-Video, composite and component interfaces
32102-000100-200-RS	SATA power cable
32200-000052-RS	ATA 66 flat cable
32200-000058-RS	FDD cable w/o bracket
19800-004300-100-RS	RS-232/422/485 cable with bracket
19800-000075-RS	KB/MS cable with bracket

PCISA-9652

Half-size PCISA CPU card supports a Mobile Intel® Core™2 Duo processor with a FSB 800 MHz, dual PCIe GbE, three SATA II, 24-bit dual-channel LVDS, analog CRT and USB 2.0



Features

1. Supports 45/65 nm Socket P Intel® Mobile Core™2 Duo and Celeron® M processors with a 667 MHz or 800 MHz FSB
2. Intel® GME965 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 I/O design
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU: Socket P Intel® Core™2 Duo, Core™ Duo, Core™ Solo, Celeron® M mobile processors with a 533 MHz or 800 MHz FSB
- ◆ System Chipset: GME965+ICH8M-E
- ◆ BIOS: AMI BIOS
- ◆ Memory: One 240-pin 2 GB (max.) 533 MHz or 667 MHz DDR2 SDRAM DIMM supported
- ◆ Graphics: Integrated Mobile Intel® GMA X3100 supports 2048x1536 (QXGA) at 60-Hz, 32-bpp. Intel® Clear Video Technology supports MPEG-2/WMV9 Hardware Acceleration, DirectX 9, OpenGL 1.5 and HW Pixel Shader 3.0
- ◆ I/O Interfaces:
 - 1 x RS-232
 - 1 x RS-232/422/485
 - 1 x LPT
 - 1 x FDD
 - 1 x IDE
 - 3 x SATA II with RAID 0/1
 - 1 x 6-pin header for keyboard and mouse
 - 6 x USB 2.0 (Four on-board and two on the bracket)
 - 1 x CF Type II
- ◆ Ethernet: Dual Intel® 82573L PCIe GbE controller
- ◆ Display Output: Analog CRT, 24-bit dual-channel LVDS, HDTV-out support 1080i (max.) resolution
- ◆ Digital I/O: 8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Audio: Supports 7.1 channel HD audio via AC-KIT-888HD-R10
- ◆ WDT: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: AT and ATX support
- ◆ Power Consumption: 5 V @ 7.72 A, 12 V @ 0.139 A running at 2.0 GHz Intel® Core™2 Duo T7300 processor with 1GB 667 MHz DDR2 DIMM
- ◆ Temperature: Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity: Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions: 185 mm x 127.6 mm
- ◆ Weight: GW: 1.0 kg/NW: 266 g

Packing List

1 x PCISA-9652 single board computer	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x LPT/RS-232 cable (P/N: 19800-000027-RS)	
1 x ATA 66 flat cable (P/N: 32200-000052-RS)	1 x Mini jumper pack
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Utility CD
2 x SATA cable (P/N: 32801-000703-200-RS)	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 SATA II, 24-bit dual-channel LVDS output, USB 2.0
CF-479B-RS	CPU cooler (50 mm x 50 mm x 26 mm, 50 W)
32200-000058-RS	FDD cable w/o bracket
19800-004300-100-RS	RS-232/422/485 cable with bracket
19800-000075-RS	KB/MS cable with bracket
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
HDTVCABLESET-01	HDTV cable set with S-Video/Composite/Component interface