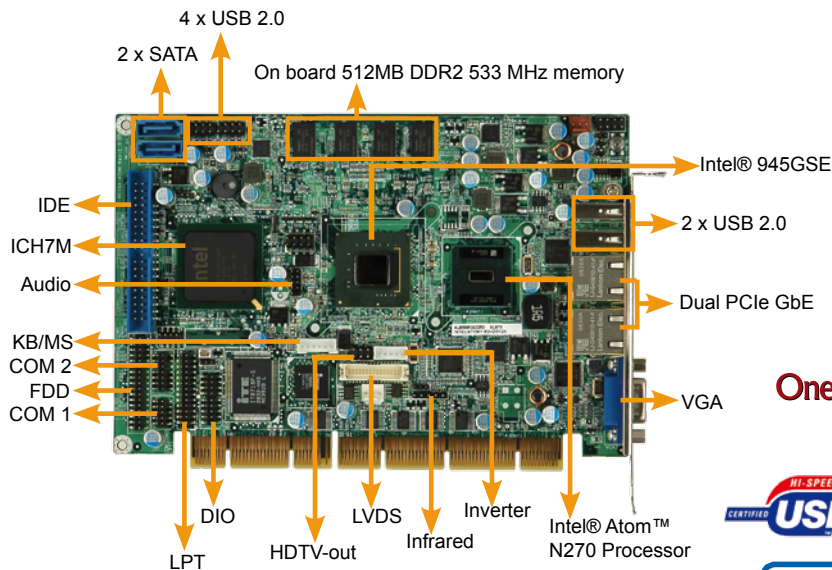
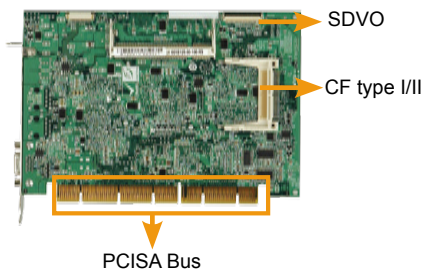


# PCISA-945GSE-R11

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



## Solder Side



One Key Recovery  
iEi symantec.



Atom™

On-board Memory

FSB533

Dual DDR2 533

## 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 Flash BIOS
- ◆ System Memory  
On board 512 MB DDR2 533 MHz memory  
One 200pin (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  
6 x USB 2.0 (2 on bracket, 4 on board by pin header )  
2 x SATA 1 x LPT  
1 x IDE 1 x FDD  
1 x 6 pin header for KB/MS  
1 x CF type I/II
- ◆ 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 IT8718F
- ◆ Display Interface  
VGA integrated in Intel® 945GSE  
HDTV/TV support NTSC/PAL and HDTV resolution up to 1080i  
18-bit dual-channel LVDS
- ◆ Audio  
Support 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 DDR2 533 MHz)
- ◆ 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: 1000 g / NW: 252 g

## Features

1. PCISA CPU card support 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. Support VGA, HDTV-out up to 1080i and 18-bit dual Channels 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

## Packing List

1 x PCISA-945GSE single board computer
1 x Mini jumper pack
2 x SATA cable (P/N: 32000-062800-RS)
1 x LPT/RS-232 cable (P/N: 19800-000027-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG

## 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-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
HDTV-CABLESET-01	HDTV cable set with S-Video, composite and component Interfaces
32102-000100-100-RS 32102-000100-200-RS	SATA power cable
32200-000052-RS	ATA 66 flat cable
32200-000058-RS	FDD cable w/o bracket
19800-000110-RS	RS-232/422/485 cable with bracket
19800-000075-RS	KB/MS cable with bracket

1  
Industrial  
Computing  
Solutions

2  
Embedded  
Computing  
Solutions

3  
Industrial Data  
Collector and Controller

4  
Video  
Capture  
Solutions

5  
I/O  
Communication  
Solutions

6  
Panel  
Solutions

7  
ORing  
Network  
Communication

8  
Power Supply/  
Peripherals