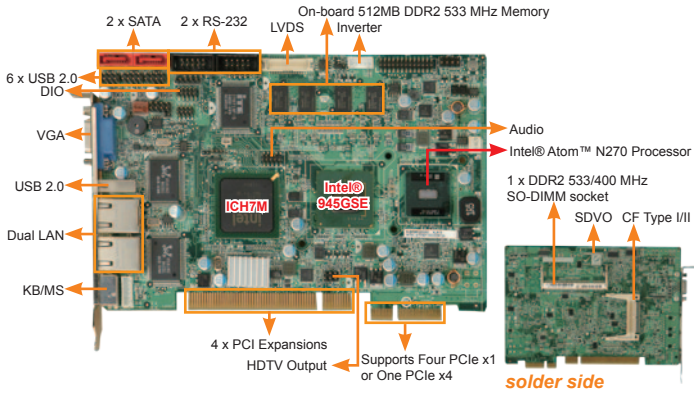


PIC0e-945GSE

Half-size PCIe CPU Card with Intel® Atom™ Processor, 512MB Memory on Board, VGA/LVDS/HDTV-out, Dual GbE, USB 2.0 and SATA



Features

- PCIe CPU card supports four PCIe x1 or one PCIe x4, and 4 x PCI expansions
- Intel® Atom™ processor N270 at 1.6GHz core speed with 533 MHz FSB and 512 KB L2 cache
- 512 MB of 533 MHz DDR2 SDRAM on board
- Supports VGA, HDTV-out (up to 1080i) and 18-bit dual-channel LVDS with dual display support
- I/O includes two RS-232, seven USB 2.0 and two SATA
- 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 533 MHz FSB
- ◆ System Chipset
Intel® 945GSE + ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
On-board 512 MB DDR2 533 MHz memory and one 200-pin 533/400 MHz DDR2 SDRAM SO-DIMM supported (system max. 2 GB)
- ◆ Ethernet
Dual PCI Realtek 8110SC GbE
- ◆ I/O Interface
1 x CF Type I/II 2 x RS-232
1 x LPT 2 x SATA
1 x PS/2 connector for KB/MS
7 x USB 2.0 (1 on bracket, 6 on board by pin header)
- ◆ Digital I/O
8-bit digital I/O
- ◆ Infrared Interface
1 x Infrared by pin header
- ◆ Super I/O
ITE IT8718F
- ◆ 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 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 1.6 GHz/533 MHz CPU with 1 GB DDR2 533 MHz)
- ◆ Operating Temperature
0°C ~ 60°C (32°F ~ 140°F)
- ◆ Storage Temperature
-10°C ~ 70°C
- ◆ Operating Humidity
5% ~ 95%, non-condensing
- ◆ Dimensions: 185 mm x 122 mm
- ◆ Weight: 1000 g (GW)/ 250 g (NW)

Packing List

1 x PIC0e-945GSE single board computer	
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	1 x Mini jumper pack
1 x KB/MS Y cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery
1 x USB cable (P/N: 19800-003100-300-RS)	1 x QIG
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD

Ordering Information

Part No.	Description
PIC0e-945GSE-N270-512MB-R10	PCIe CPU card with Intel® Atom™ N270 1.6 GHz processor, 512 MB memory on board, VGA/LVDS/HDTV-out, dual GbE, USB 2.0, SATA
32102-000100-200-RS	SATA power cable
32200-015100-RS	LPT cable
AC-KIT08R-R10	5.1-channel AC'97 audio kit with Realtek ALC655
AC-KIT-892HD-R10	7.1-channel HD Audio kit with Realtek ALC892 supports dual audio streams