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## PICOe-945GSE



Half-size PCIe CPU Card with Intel® Atom™ Processor

## **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 dualchannel LVDS with dual display support
- » I/O includes two RS-232, seven USB 2.0 and two SATA
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## **Specifications**

| System               | CPU   |
|----------------------|---|
| Chipset              | Intel® 945GSE + ICH7M                         |
| Memory Max.          | On-board 512 MB DDR2 533 MHz memory and       |
|                      | one 200-pin 533/400 MHz DDR2 SDRAM SO-DIMM    |
|                      | supported (system max. 2GB)                   |
| CPU Socket           | On-board                                      |
| I/O Interface        | Ethernet                                      |
| Digital I/O          | 8-bit digital I/O (4-bit input, 4-bit output) |
| Display              | 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         |
| Power                | Power consumption                             |
| Environment          | Operating Temperature                         |
| Humidity             | 10% ~ 95%, non-condensing                     |
| Option               | iRIS  |
| Storage              | Storage                                       |
| Expansion Slots      | Expansion Slots                               |
| Watchdog Timer       | Watchdog Timer                                |
| CPU Cooler           | CPU Cooler                                    |
| I/O Interface        | I/O Interface                                 |
| 6 x Internal USB 2.0 |   |
| 1 x KB/MS            |   |
| 1 x LPT              |   |
| 1 x USB 2.0          |   |
| 1 x VGA              |   |



## Ordering Information

PICOe-945GSE-N270-512MB-R10

PCIe CPU CARD with Intel ATOM N270 1.6G,512MB memory on board,VGA/LVDS/HDTV,Dual GbE,SATA,USB 2.0,CF and Audio,RoHS