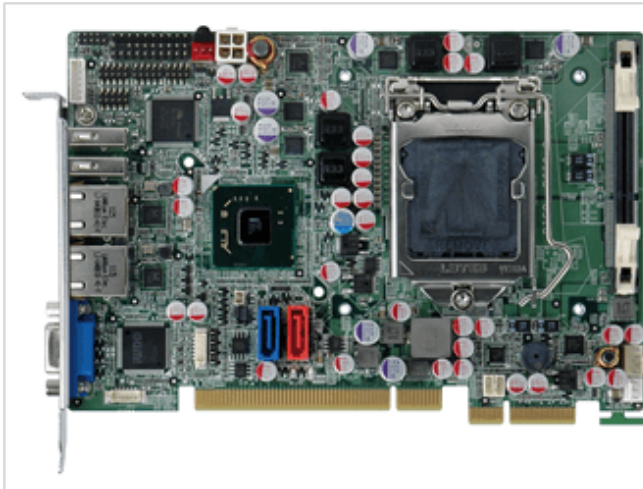


PIC0e-B650

Half-size PCIe CPU Card supports LGA 1155 32nm Intel® Core™ i7/i5/i3, Pentium® or Celeron® CPU with Intel® B65



Features

- » Half-size PCIe CPU card with LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » One 1333/1066 MHz DDR3/DDR3L (1.35V) SDRAM SO-DIMM supports up to 8 GB
- » On-board embedded controller supports infrared and PECI 2.0 technologies
- » One SATA 6Gb/s and dual Realtek PCIe GbE
- » TPM V1.2 hardware security provided by the TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|---|
| Environment | |
| Humidity | 10% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | PCIe signal and PCI signal via golden finger |
| I/O Interface | |
| Audio | Supports 7.1 channel HD audio by IEI AC-KIT-892HD-R10 kit |
| Digital I/O | 8-bit digital I/O (4-bit input, 4-bit output) |
| Display | 1 x VGA (up to 2048 x 1536 @75Hz) |
| Ethernet | LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support |
| | LAN2: Realtek RTL8111E PCIe GbE controller |
| I/O Interface | |
| I/O Interface | 1 x I ² C |
| | 2 x Internal RS-232 |
| | 2 x Internal USB 2.0 |
| | 1 x KB/MS |
| | 1 x SMBus |
| | 2 x USB 2.0 |
| Power | |
| Power consumption | 5V@3.17A, 12V@0.46A, Vcore_12V@7.26A, 5VSB@0.18A |
| | (3.4GHz Intel® Core™ i7-2600K with two 2GB 1333MHz DDR3 memory) |
| Storage | |
| Storage | 1 x SATA 3Gb/s |
| | 1 x SATA 6Gb/s |
| System | |
| Chipset | Intel® B65 |
| CPU | Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor |
| CPU Socket | LGA1155 |
| Memory Max. | One 204-pin 1333/1066MHz DDR3 & DDR3L (1.35V) SO-DIMM supported |
| | (system max. 8GB) |
| Watchdog Timer | |
| Watchdog Timer | Software programmable supports 1~255 sec. system reset |

Ordering Information

| | |
|----------------|---|
| PIC0e-B650-R10 | Half-size PCIe CPU card supports 32nm LGA1155 Intel Core i7/i5/i3 CPU per Intel B65,DDR3,VGA,Dual Realtek PCIe GbE,USB 2.0,SATA 6Gb/s,HD Audio and RoHS |
|----------------|---|

Packing List

| | |
|--------------------------------------|------------------------------------|
| 1 x PIC0e-B650 single board computer | 1 x Dual RS-232 cable with bracket |
| 1 x USB cable | 1 x Mini jumper pack |
| 2 x SATA cable | 1 x QIG |