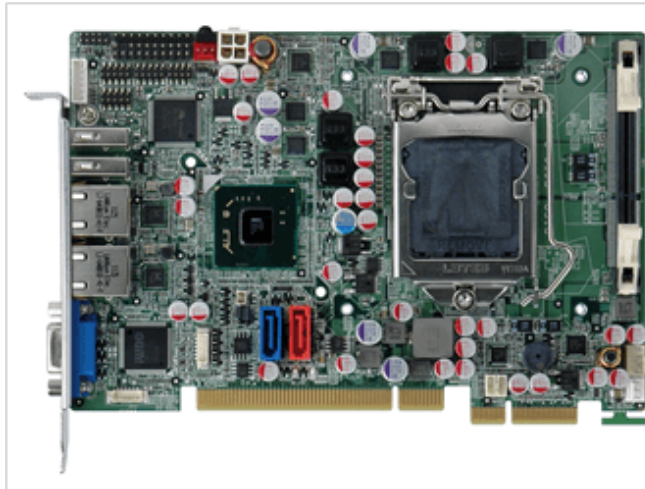


# PIC0e-B650

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 raid 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 <sup>2</sup> 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

PICOe-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
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## Packing List

1 x PICOe-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