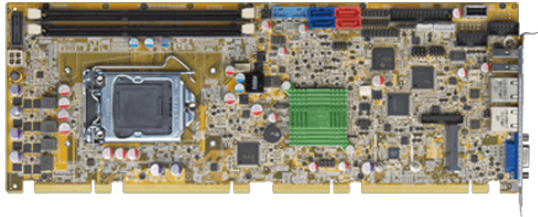


PCIE-H810

Full-size PICMG 1.3 CPU card supports LGA 1150 Intel® Core™ i7/i5/i3, Pentium® and Celeron® with Intel® H81



Features

- » PICMG 1.3 full-size solution
- » 4th generation LGA 1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Two 1600/1333 MHz DDR3 SDRAM DIMMs support up to 16 GB
- » Dual Realtek PCIe GbE supported
- » TPM v1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery
- » Stiffener bars
- » IEI jumper-less function

Specifications

| System | |
|--------------------------|--|
| CPU | 4th generation LGA 1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported |
| Chipset | Intel® H81 |
| Memory | Two 240-pin 1600/1333 MHz dual-channel unbuffered DDR3 & DDR3L SDRAM DIMMs support |
| Memory Max. | 16GB |
| Physical Characteristics | |
| Dimensions (LxWxH) (mm) | 338 X 126 |
| Net Weight | 420g |
| Storage | |
| Storage | 4 x SATA :2 X 3Gb/s (AHCI supported, no RAID), 2 X 6Gb/s |
| I/O Interface | |
| Display Output | 1 x VGA :up to 1920x1200@60Hz 1 x iDP :for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz) |
| Ethernet | Description: Dual Realtek RTL8111E PCIe GbE controllers supported |
| Audio | Description: Support 7.1-channel HD Audio by IEI AC-KIT-892HD kit |
| I/O Interface | 2 x Internal RS-232 :2x5 pin, p=2.54 1 x Internal RS-422/485 :1x4 pin, p=2.0 2 x External USB 2.0 9 x Internal USB 2.0 :1 X Type A, 4 X Gplden finger, 4 X 2 X 4 pin, p=2.54 2 x Internal USB 3.2 Gen1x1 :2x10 pin 1 x PS/2 :1x6 pin 1 x LPT :2x13 pin |
| Power | |
| Power Consumption | 5V@3.41A, 12V@0.35A, Vcore_12V@7.52A, 3.3V@1.41A, 5VSB@0.12A (Intel® Core™ i7-4770K 3.90 GHz CPU with 8 GB (two 4 GB) 1333 MHz DDR3 memory) |
| Power Supply | 5V/12V, Support AT/ATX mode |
| Environment | |
| Operating Temperature | -20°C ~ 60°C |
| Storage Temperature | -30°C ~ 70°C |

| | |
|----------------|--------------------------|
| Humidity | 5% ~ 95%, non-condensing |
| Certifications | |
| Safety & EMC | CE/FCC compliant |

Ordering Information

| | |
|---------------|---|
| PCIE-H810-R10 | Full-size PICMG 1.3 CPU Card supports LGA1150 Intel® Core™ i7/i5/i3, Pentium® and Celeron® CPU per Intel® H81, DDR3, VGA, iDP, Dual PCIe GbE, SATA 6Gb/s, mSATA, USB 3.0, RS-232, HD Audio and RoHS |
|---------------|---|

Packing List

| | |
|-------------------------------------|----------------|
| 1 x PCIE-H810 single board computer | 2 x SATA cable |
| 1 x QIG | |