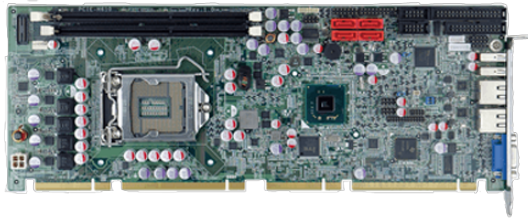


PCIE-H610

Full-size PICMG 1.3 CPU Card supports 32nm LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® CPU with Intel® H61, DDR3



Features

- » Full-size PICMG 1.3 graphics grade solution
- » LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Dual-channel 1333/1066 MHz DDR3/DDR3L SDRAM supported up to 16 GB
- » Intel® HD graphics technology integrates high-performance graphics and media processing
- » TPM v1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|--|
| CPU Cooler | |
| CPU Cooler | CF-1156A-RS-R11 |
| | CF-1156C-RS |
| | CF-1156D-RS |
| | CF-1156E-R11 |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | N/A |
| I/O Interface | |
| Audio | Supports by IEI AC-KIT-892HD-R10 audio kit |
| Digital I/O | 8-bit Digital I/O |
| Display | 1 x VGA |
| | 1 x DVI-D (via header to IO-KIT-001-R20 DVI-D/USB module) (optional) |
| 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 KB/MS |
| | 4 x Internal USB 2.0 |
| | 1 x Internal RS-422/485 |
| | 2 x Internal RS-232 |

| | |
|-----------------------|--|
| | 1 x I ² C |
| | 1 x VGA |
| | 1 x LPT |
| | 1 x SMBus |
| | 2 x USB 2.0 |
| Power | |
| Power consumption | 5V@4.41A, 12V@0.21A, Vcore_12V@7.72A, 3.3V@1.71A, 5VSB@0.16A (3.4GHz Intel® Core™ i7- 2600K with two 2GB 1333MHz DDR3 memory) |
| Storage | |
| Storage | 4 x SATA 3Gb/s |
| System | |
| Chipset | Intel® H61 |
| CPU | Intel® Core™ i7/i5/i3, Pentium®R, Celeron® processor |
| CPU Socket | LGA1155 |
| Memory Max. | Two 240-pin 1066/1333MHz dual-channel DDR3/DDR3L (1.35V) SDRAM DIMMs (system max. 16GB) |
| Watchdog Timer | |
| Watchdog Timer | Software programmable supports 1~255 sec. system reset |

Ordering Information

| | |
|---------------|--|
| PCIE-H610-R10 | Full-size PICMG 1.3 CPU Card supports 32nm LGA1155 Intel Core i7/i5/i3 CPU per Intel H61,DDR3,VGA,Dual Realtek PCIe GbE,USB 2.0,SATA 3Gb/s,HD Audio and RoHS |
|---------------|--|

Packing List

| | |
|-------------------------------------|----------------------|
| 1 x PCIE-H610 single board computer | 4 x SATA cable |
| 1 x Dual RS-232 cable | 1 x Mini jumper pack |
| 1 x USB cable | 1 x QIG |