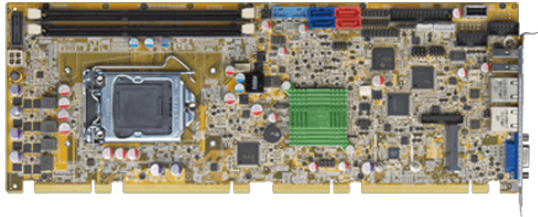


PCIE-H810

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
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Packing List

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