

# PCIE-Q670

Full-size PICMG 1.3 CPU Card supports LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® CPU with Intel® Q67



## Features

- » PICMG 1.3 full-size graphics grade solution
- » LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processors supported
- » Up to 16 GB 1333 MHz dual-channel DDR3 SDRAM
- » Supports dual independent display by VGA and DVI-D (DVI model)
- » Supports PCIe Mini expansion
- » Intel® PCIe GbE with Intel® AMT 7.0 support
- » Supports SATA 6Gb/s
- » Supports RAID function via SATA 6Gb/s and SATA 3Gb/s
- » 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

System	
CPU	LGA 1155 socket supports Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor
Chipset	Intel® Q67
Memory	Two 240-pin 1333/1066 MHz dualchannel unbuffered DDR3 & DDR3L SDRAM DIMMs
Memory Max.	16GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	338 X 126
Net Weight	420g
Storage	
Storage	6 x SATA :2 X6Gb/s (RAID 0/1/5/10 supported), 4 X 3Gb/s (RAID 0/1/5/10 supported)
I/O Interface	
Display Output	1 x VGA :up to 2048x1536@75Hz
Ethernet	2 x LAN LAN1: Intel® 82583V PCIe controller LAN2: Intel® 82579 PHY with Intel® AMT 7.0
Audio	Description: Supports 7.1-channel HD Audio by IEI AC-KIT-892HD-R10 kit
I/O Interface	4 x Internal RS-232 :2x5 pin, p=2.54 1 x Internal RS-422/485 :1x4 pin, p=2.0 1 x PS/2 :1x6 pin 1 x LPT :2x13 pin
Expansion	Description: PCIe signal and PCI signal via golden finger 1 x PCIe mini Card Slot :Full/Half-size
Other Features	
TPM	2x10 pin
Power	
Power Consumption	5V@3.45A, 12V@0.32A, Vcore_12V@5.24A, 3.3V@1.69A, 5VSB@0.17A (3.4GHz Intel® Core™ i7-2600K with two 2 GB 1333 MHz DDR3 memory)

Power Supply	Support AT/ATX mode
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

## Ordering Information

PCIE-Q670-R20	Full-size PICMG 1.3 CPU Card supports LGA1155 Intel Core i7/i5/i3/Pentium and Celeron CPU per Intel Q67,DDR3,VGA,Dual Intel PCIe GbE,SATA 6Gb/s,mini PCIe,HD Audio,four RS-232,RoHS
---------------	---

## Packing List

1 x PCIE-Q670 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