

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

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|---------------------------------|---|
| 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) |

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|-----------------------|--------------------------|
| 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

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|---------------|---|
| 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 |
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Packing List

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|-------------------------------------|----------------------|
| 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 |