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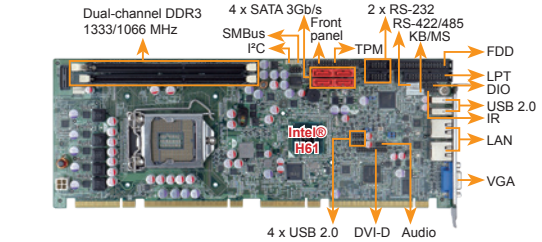
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Find the *IEI Integration PCIE-Q57A* at our website: *Click HERE*

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, VGA, USB 2.0, SATA 3Gb/s, Dual Realtek PCIe GbE, HD Audio and RoHS

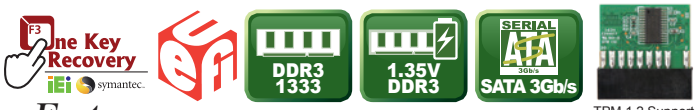




CF-1156C-R20
1U chassis compatible



IO-KIT-001-R20
DVI cable included in DVI model



TPM 1.2 Support

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: LGA 1155 socket supports Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor
- Chipset: Intel® H61
- Memory: Two 240-pin 1333/1066 MHz dual-channel unbuffered DDR3 & DDR3L SDRAM DIMMs support up to 16 GB
- BIOS: UEFI BIOS
- Graphics Engine
  Intel® HD Graphics Gen 6 supports DX10.1 and OpenGL 3.0
  Full MPEG2, VC1, AVC Decode
- Display Output
  1 x VGA (up to 2048x1536@75Hz)
  1 x DVI-D (up to 1920x1200@60Hz)
  (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
- TPM: 1 x TPM (2x10 pin)
- SMBus: 1 x SMBus (1x4 pin)
- I²C: 1 x I²C (1x4 pin)
- Infrared Interface: 1 x Infrared Interface (1x5 pin)
- Digital I/O: 8-bit digital I/O (2x5 pin)
- External I/O Interface: 2 x USB 2.0
- Audio: Supports by IEI AC-KIT-892HD-R10 audio kit
- Internal I/O Interface
  1 x FDD (2x17 pin) 1 x KB/MS (1x6 pin)
  1 x LPT (2x13 pin) 4 x SATA 3Gb/s
  1 x RS-422/485 (1x4 pin, P=2.0)
  2 x RS-232 (2x5pin, P=2.54)
  4 x USB 2.0 (2x4 pin, P=2.54)
  4 x USB 2.0 (Golden finger)
- Front Panel
  1 x Front panel (2x7 pin, power LED, HDD LED, speaker, power button, reset button)
- Expansion: PCIe signal and PCI signal via golden finger
- Watchdog Timer: Software programmable supports 1~255 sec. system reset
- Fan Connector: 1 x Smart fan (1x4 pin)
- Power Supply: 5V/12V, AT/ATX support
- 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 2 GB 1333 MHz DDR3 memory)
- Operating Temperature: -10°C ~ 60°C
- Storage Temperature: -20°C ~ 70°C
- Operating Humidity: 5% ~ 95%, non-condensing
- Dimensions: 338 mm x 126 mm
- Weight: GW: 1200g / NW: 420g
- CE/FCC compliant

Packing List

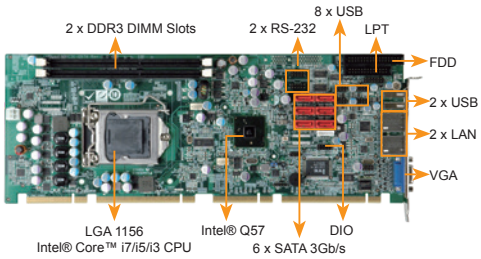
1 x PCIE-H610 single board computer	4 x SATA cable
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x USB cable	1 x QIG

Ordering Information

Part No.	Description
PCIE-H610-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA 1155 Intel® Core™ i7/i5/i3 CPU with Intel® H61, DDR3, VGA, dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS
PCIE-H610-DVI-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA 1155 Intel® Core™ i7/i5/i3 CPU with Intel® H61, DDR3, VGA, DVI-D, dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS
19800-000049-RS	LPT flat cable, 240mm, P=2.54
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32200-000017-RS	FDD Cable, 520mm, P=2.54
32205-003800-300-RS	RS-422/485 cable, 200mm, P=2.0
AC-KIT-892HD-R10	7.1-channel HD Audio kit with Realtek ALC892 supports dual audio streams
CF-115XA-R10	High performance LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 73W
CF-1156C-R20	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-R20	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 65W
CF-115XE-R10	High performance LGA 1155/LGA 1156 cooler kit, 95W
CPU-DT-C-G440	Intel® Celeron® G440 processor, LGA 1155, single core 1.6GHz, 1M cache, 35W, compatible with CF-1156C-R20 CPU cooler
CPU-DT-i3-2120T	Intel® Core™ i3-2120T processor, LGA 1155, dual core 2.6GHz, 3M cache, 35W, compatible with CF-1156C-R20 CPU cooler
CPU-DT-i5-2390T	Intel® Core™ i5-2390T processor, LGA 1155, dual core 2.7GHz, 3M cache, 35W, AMT, compatible with CF-1156C-R20 CPU cooler
CPU-DT-i5-2500T	Intel® Core™ i5-2500T processor, LGA 1155, quad core 2.3GHz, 6M cache, 45W, compatible with CF-1156C-R20 CPU cooler
CPU-DT-P-G630T	Intel® Pentium® G630T processor, LGA 1155, dual core 2.3GHz, 3M cache, 35W, compatible with CF-1156C-R20 CPU cooler
SAIDE-KIT01-R10	SATA to IDE/CF converter board
TPM-IN01-R20	20-pin Infineon TPM module, software management tool, firmware v3.17

PCIE-Q57A

PICMG 1.3 CPU Card with LGA 1156 socket for Intel® Core™ i7/i5/i3 or Pentium® CPU with VGA, Dual Intel® GbE, SATA 3Gb/s, COM, USB 2.0 and Audio, RoHS





LGA 1156 Cooler
IEI P/N: CF-115XA-R10





Features

- PICMG 1.3 with LGA 1156 socket for Intel® Core™ i7/i5/i3 or Pentium® processor
- Supports 8 GB (max.) dual-channel 800/1066/1333 MHz DDR3 SDRAM
- Intel® GbE LAN controller with Intel® AMT 6.0 support
- Fourteen USB 2.0 ports and two COM ports
- Six SATA ports with RAID function
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- CPU
  LGA 1156 socket supports Intel® Core™ i7/i5/i3 or Pentium® processor
- Chipset: Intel® Q57
- BIOS: AMI BIOS
- Memory
  Two 240-pin 1333/1066 MHz dual-channel unbuffered DDR3 SDRAM DIMMs support up to 8 GB
- Display Output
  1 x VGA
  Note:
  The Intel® quad-core processor (e.g., i7-860 and i5-750) is a discrete processor which does not integrate a graphics engine. If a quad-core processor is used on the motherboard, an additional graphics card must be installed in order to support display output. Otherwise, the display will show "No display output" when connected to the on-board VGA port.
- Ethernet
  LAN1: Intel® 82583V PCIe GbE controller
  LAN2: Intel® 82578DM with Intel® AMT 6.0
- External I/O Interface: 2 x USB 2.0
- Internal I/O Interface
  1 x FDD (2x17 pin) 1 x KB/MS (1x6 pin)
  1 x LPT (2x13 pin) 2 x RS-232 (2x5pin, P=2.54)
  4 x USB 2.0 (Golden finger)
  6 x SATA 3Gb/s (RAID 0/1/5/10 supported)
  8 x USB 2.0 (2x4 pin, P=2.54)
- Infrared Interface
  1 x Infrared Interface (1x5 pin)
- Digital I/O
  8-bit digital I/O (2x5 pin)
- Audio
  Supports 7.1-channel HD Audio by IEI AC-KIT-892HD-R10 kit
- Watchdog Timer
  Software programmable supports 1~255 sec. system reset
- Fan Connector
  1 x CPU smart fan (1x4 pin)
  1 x System smart fan (1x4 pin)
- Power Supply
  ATX Power (supports AT/ATX mode)
- Power Consumption
  3.3V@0.89A, 5V@4.62A, 12V@0.51A, Vcore_12V@4.35A, 5VSB@0.14A
  (Intel® Core™ i5 660 3.3GHz CPU with two 2 GB 1066 MHz DDR3 memory)
- Operating Temperature
  0°C ~ 60°C (32°F ~ 140°F)
- Storage Temperature: -10°C ~ 70°C
- Operating Humidity
  5% ~ 95%, non-condensing
- Dimensions: 338 mm x 126 mm
- Weight: GW: 1100g
- CE/FCC compliant

Packing List

1 x PCIE-Q57A single board computer	6 x SATA cable
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x USB cable	1 x QIG

Ordering Information

Part No.	Description
PCIE-Q57A-R10	PICMG 1.3 CPU card with LGA 1156 socket for Intel® Core™ processor with VGA, dual Intel® GbE, SATA 3Gb/s, USB 2.0, COM, Audio and RoHS
19800-000049-RS	LPT flat cable, 240mm, P=2.54
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
19800-000100-100-RS	Quad-port USB cable, 300mm, P=2.54
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32200-000017-RS	FDD Cable, 520mm, P=2.54
AC-KIT-892HD-R10	7.1-channel HD Audio kit with Realtek ALC892 codec and dual audio streams
CF-115XA-R10	High performance LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 73W
CF-115XE-R10	High performance LGA 1155/LGA 1156 cooler kit, 95W

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