

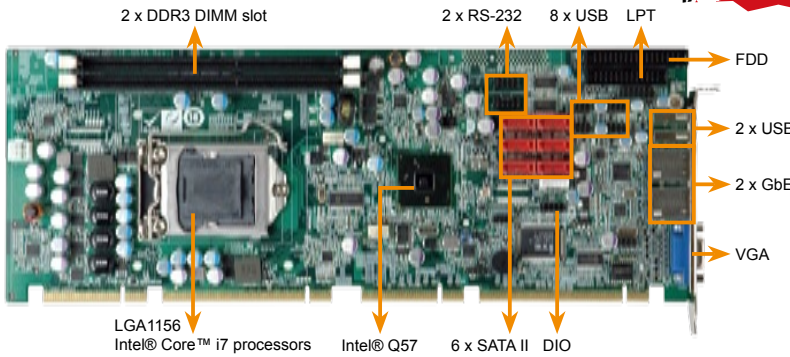
PCIE-Q57A

PICMG 1.3 with LGA1156 socket for Intel® Core™ i7 processor with VGA, Dual Intel® GbE, SATA 3Gb/s, COM, USB 2.0 and Audio, RoHS



iAMT 6.0 Support

Yellow means long-term support



CPU No.	Process	Core	CPU Code	Clock speed	L2 cache	TDP	iAMT6.0
i7-870				2.93G	8M	95W	
i7-860	45nm	4	Lynnfield	2.8G	8M	95W	V
i5-750				2.66G	8M	95W	
i5-660				3.33G	4M	73W	V
i3-540	32nm	2	Clarkdale	3.06G	4M	73W	
G6950				2.8G	3M	73W	

KVM remote control

With iAMT6.0 technology, the PCIE-Q57A provides IT personnel graphical support for PC diagnosis, repair and maintenance through redirection of keyboard, video or mouse.



LGA1156 Cooler
IEI P/N: CF-1156A-RS

Specifications

- ◆ CPU
LGA1156 socket supports Intel® Clarkdale (Dual Core) & Lynnfield (Quad Core) processor
- ◆ System Chipset
Intel® Q57
- ◆ BIOS
AMI BIOS
- ◆ Memory
2 x 240-pin dual-channel DDR3 1333/1066/800 MHz up to 8GB
- ◆ Display Output
VGA Integrated in Intel® Q57
- ◆ Ethernet
Intel® 82583V PCIe controller
Intel® 82578DM with Intel® AMT 6.0 supported by iEZman software UI.
- ◆ I/O Interfaces
2 x RS-232
1 x FDD
1 x LPT
1 x 6-pin wafer on board for KB/MS
14 x USB 2.0 (2 on rear side, 12 on board by pin-header)
6 x SATA II (RAID 0, 1, 5, 10)
- ◆ Infrared Interface
1 x 5-pin infrared connector
- ◆ Digital I/O
8-bit Digital I/O (4-bit input, 4-bit output)
- ◆ Audio
7.1 channel supports dual audio streams via Realtek ALC883
- ◆ Super I/O
ITE IT8718F
- ◆ Watchdog Timer
Software Programmable support 1~255 sec. System reset
- ◆ Fan connector
1 x 4-pin CPU fan connector
1 x 4-pin PCH fan connector
- ◆ Power Supply
ATX Power (Support 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 2GB 1066MHz DDR3)
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operation: 5% ~95%, non-condensing
- ◆ Dimensions
338 mm x 126 mm
- ◆ Weight
GW: 1.1kg



Features

1. PICMG 1.3 with LGA1156 socket for Intel® Core™ i7/ i5/ i3 processor
2. Support dual-channel 8GB (max.) 800/1066/1333 HMz DDR3 SDRAM
3. Intel® GbE LAN controller with Intel® AMT 6.0 support
4. Fourteen USB 2.0 ports and two COM ports
5. Six SATA ports with RAID function
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x PCIE-Q57A Single Board Computer
1 x Mini jumper pack
6 x SATA cable (P/N: 32000-062800-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N CB-USB02-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
PCIE-Q57A-R10	PICMG 1.3 with LGA1156 socket for Intel® Core™ processor with VGA, Dual Intel GbE, SATAII, COM, USB 2.0 and Audio, RoHS
AC-KIT-883HD-R10	7.1 channel HD audio kit with realtek ALC883 codec and dual audio streams
32102-000100-100-RS 32102-000100-200-RS	SATA power cable
19800-000075-RS	KB/MS cable with bracket
32200-000017-RS	FDD flat cable
19800-000400-100-RS	LPT cable
19800-000100-200-RS	4-port USB cable
CF-1156A-RS	LGA1156 CPU cooler

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

6 Panel Solutions

7 ORing Network Communication

8 Power Supply Peripherals