

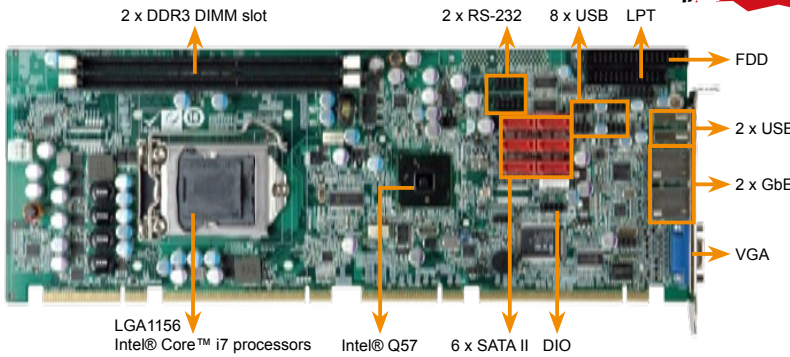
# PCIE-Q57A

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