

# IMB-Q670

microATX motherboard supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® Q67



## Features

- » LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
- » Up to 32 GB 1333 MHz dual-channel DDR3 SDRAM
- » Intel® PCIe GbE with Intel® AMT 7.0 support
- » USB 3.0 and SATA 6Gb/s supported
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

CPU Cooler	
CPU Cooler	CF-1156A-RS-R11 (for 1U chassis)/ CF-1156C-RS/ CF-1156D-RS/ CF-1156E-R11
Display	
Display	Dual display supported
	1 x VGA
	1 x HDMI™
	1 x DVI-D
Environment	
Humidity	5% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 60°C (14°F~140°F)
Expansion Slots	
Expansion Slots	1 x PCIe x16
	1 x PCIe x4
	1 x PCIe x1
	2 x PCI slot
I/O Interface	
Audio	Realtek ALC892 HD Audio codec
Digital I/O	24-bit Digital I/O (12-bit input/12-bit output)
Ethernet	LAN1: Intel® 82583V PCIe controller
	LAN2: Intel® 82579 PHY with Intel® AMT 7.0 support
I/O Interface	9 x RS-232
	1 x RS-422/485
	2 x USB 3.0
	10 x USB 2.0
	1 x Infrared interface
	1 x 4-pin wafer for SMBus
	1 x 4-pin wafer for I <sup>2</sup> C
	1 x PS/2 KB & MS
	1 x TPM connector (2x10 pin)

I/O Interface	
I/O Interface	2 x USB 3.0
	1 x RS-422/485
	9 x RS-232
	8 x Internal USB 2.0
	2 x USB 2.0
Option	
iRIS	N/A
Power	
Power consumption	3.3V@1.75A, 5V@6.61A, 12V@3.68A, 12V@0.09A, 5VSb@0.12
	(Intel® Core™ i3-2100 2.60GHz CPU with four 1333MHz 4GB
	DDR3 memory)
System	
Chipset	Intel® Q67
CPU	Intel® Core™ i7/i5/i3, PentiumR, Celeron® processor
CPU Socket	LGA1155
Memory Max.	Four 240-pin 1333/1066MHz dual-channel DDR3 SDRAM Unbuffered DIMM (system max. 32GB)
Storage	2 x SATA 6Gb/s 4 x SATA 3Gb/s
Watchdog Timer	
Watchdog Timer	Software programmable and supports 1~255 sec. system reset

## Ordering Information

IMB-Q670-R30	Micro ATX Motherboard supports 32nm LGA1155 Intel® Core™ i7/i5/i3 CPU per Intel® Q67, DDR3, VGA/DVI/HDMI™, Dual Intel® PCIe GbE, USB 3.0, 10 COM, SATA 6Gb/s, HD Audio and RoHS
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## Packing List

1 x IMB-Q670 single board computer	4 x SATA cable
1 x I/O shielding	1 x Mini jumper pack
2 x Quad-port RS-232 cable	1 x QIG