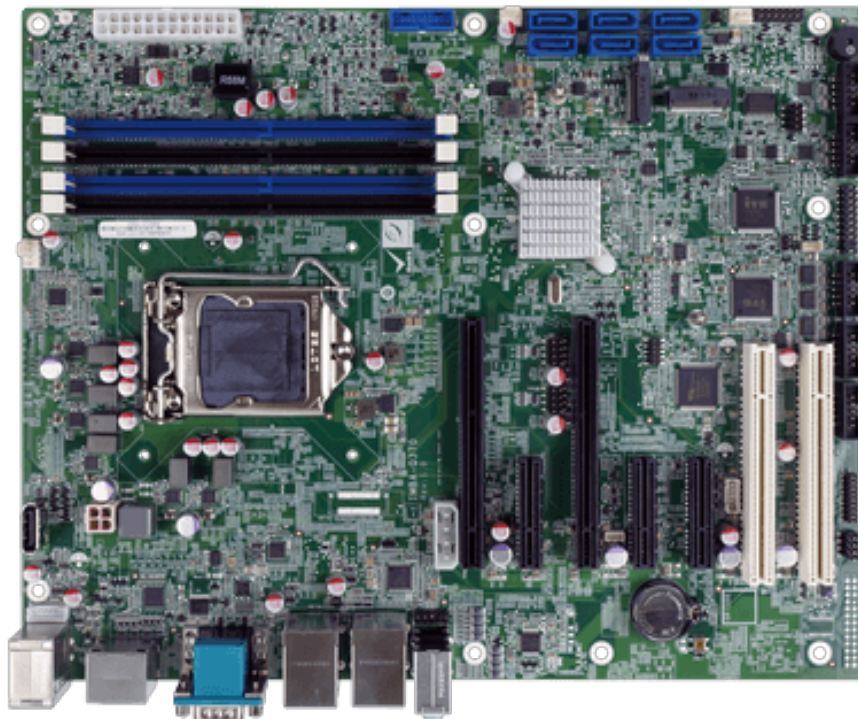


IMBA-Q370

ATX motherboard supports 14nm LGA1151 Intel® 8th/9th Generation Core™ i9/i7/i5/i3, Celeron® and Pentium® processor, DDR4, triple independent displays, dual GbE LAN, M.2, USB 3.1 Gen 2 (10Gb/s), SATA 6Gb/s, HD Audio and RoHS



- » LGA1151 Intel® 8th/9th Generation Core™ i9/i7/i5/i3, Pentium® or Celeron® processor
- » Dual-channel DDR4 2666MHz
- » Support VGA, HDMI & DP++
- » Support M.2 A key for WLAN expansion, M key for storage

» IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

Hardware Spec.

System

CPU	LGA1151 socket supports 8th/9th generation Intel® Core™ i9/i7/i5/i3, Pentium® or Celeron® processor
Chipset	Intel® Q370
Memory	Four 288-pin 2666/2400 MHz Dual-Channel DDR4 SDRAM Unbuffered DIMMs
Memory Max.	64GB

Physical Characteristics

Dimensions (LxWxH) (mm)	244 X 305
Net Weight	700g

Storage

Storage	6 x SATA :6Gb/s(RAID 0/1/5/10 supported)
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I/O Interface

Display Output	1 x VGA :up to 1920x1080@60Hz 1 x HDMI :up to 4096x2304@30Hz 2 x Display Port :1 X DP++ (up to 4096x2304@60Hz); 1 X internal Displayport (up to 4096x2304@60Hz);
Ethernet	2 x LAN :LAN1 : Intel® I219LM PCIe controller with AMT 11.0 support LAN2: Intel® I211AT PCIe controller
Audio	Description: Realtek ALC662 HD codec 1 x Line in :on rear IO 1 x Line out :on rear IO 1 x Mic :on rear IO 1 x Front Audio :2x5 pin
I/O Interface	1 x External RS-232 3 x Internal RS-232 :25 in , p=2.54 2 x Internal RS-232/422/485 :2x5 pin, p=2.54

Expansion	2 x External USB 2.0
	4 x External USB 3.2 Gen1x1
	4 x Internal USB 2.0 :2x4 pin, p=2.54
	2 x Internal USB 3.2 Gen1x1 :2x10 pin, p=2.0
	2 x PS/2 :1 X 1x6 pin
	1 x DIO :8-bit digital I/O (2x5 pin)
	2 x PCIe x8
	3 x PCIe x4
2 x PCI Slot	
2 x M.2(NGFF) :1 x A key(2230/3030), 1 X M key(PCLe, USB, SATA)	

Other Features

TPM	2x10 pin
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Power

Power Consumption	3.3V@1.65A, 5V@3.4A, 12V@8.58A, 5VSV@3.4A (Intel® Core® i7-8700K up to 4.60 GHz CPU with 32GB 2600MHz DDR4 memory)
Power Supply	Support AT/ATX mode ErP/EuP Compliant

Environment

Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~ 95%, non-condensing

Certifications

Safety & EMC	CE/FCC compliant
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Ordering Information

IMBA-Q370-R10	ATX motherboard supports 14nm LGA1151 Intel® 8th/9th Generation Core™ i9/i7/i5/i3, Celeron® and Pentium® processor, DDR4, triple independent displays, dual GbE LAN, M.2, USB 3.1, SATA 6Gb/s, HD Audio and RoHS
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Package Contents

- » 1 x IMBA-Q370 single board computer
- » 2 x SATA cable
- » 1 x I/O shielding
- » 1 x QIG