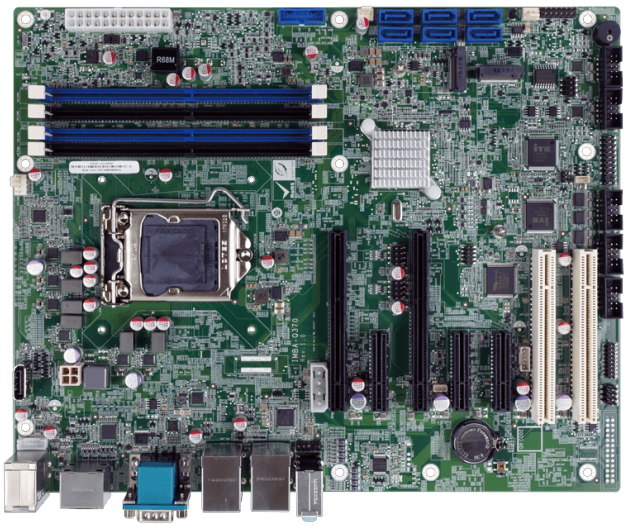
IMBA-C2460

ATX motherboard supports 14nm LGA1151 Intel® 8th/9th Generation Xeon® E, Core™ i9/i7/i5/i3, Celeron® and Pentium® processor per Intel® C246, DDR4, triple displays, dual GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS



Features

» LGA1151 Intel® 8th/9th Generation Xeon® E, Core™ i9/i7/i5/i3, Celeron® and Pentium® processor

» Dual-channel DDR4 2666MHz

» Support VGA, HDMI & DP++

» Support M.2 A key for WLAN expansion, M key for storage

Specifications

Form Factor	
Form Factor	ATX Motherboard
System	
CPU	LGA1151 Intel® 8th/9th Generation Xeon® E, Core™ i9/i7/i5/i3, Celeron® and Pentium® processor
Chipset	Intel® C246
Memory	Four 288-pin 2666/2400 MHz Dual-Channel DDR4 SDRAM Unbuffered DIMMs supported up to 64GB (ECC&non-ECC support)
Memory Max.	Up to 64GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin)
	2 x System fan connector (1x3 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	244mm x 305mm
Net Weight	GW:1200g / NW:700g
Storage	
Storage	1 x M.2(NGFF): 1 x M.2 M Key (2280, PCIe x2 only)
	6 x SATA
I/O Interface	
Display Output	1 x Display Port: Internal DisplayPort
	1 x DP++
	1 x HDMI
	1 x VGA
Ethernet	2 x LAN::
	LAN1: Intel® I219LM PCIe controller with AMT 11.0 support
	LAN2: Intel® I210AT PCIe controller
Audio	1 x Front Audio(2x5-pin)
	HD Audio: Realtek ALC662 HD codec

研华科技 18523776600

	1 x Line in
	1 x Line out
	1 x Mic
I/O Interface	1 x DIO: 8-bit digital I/O (2x5 pin)
	1 x External RS-232
	2 x External USB 2.0
	2 x External USB 3.2 Gen1x1
	2 x External USB 3.2 Gen2x1
	3 x Internal RS-232(2x5 pin, P=2.54)
	2 x Internal RS-232/422/485(2x5 pin, P=2.54)
	4 x Internal USB 2.0(2x4 pin, P=2.54)
	2 x Internal USB 3.2 Gen1x1(2x10 pin, P=2.0)
	1 x LPT(2x13 pin, P=2.54) Optional
	2 x PS/2:: 1 x PS/2 (External) 1 x KB/MS (1x6 pin) (Internal)
Expansion	2 x M.2(NGFF)::
	1 x M.2 A key (2230, PCIe x1 & USB 2.0)
	1 x M.2 M Key (2280, PCIe x2 only)
	2 x PCI Slot
	3 x PCIe x4
	2 x PCIe x8
Other Features	
TPM	1 x TPM 2.0 connector (2x10 pin)
Power	
Power Consumption	3.3V@0.38A, 5V@9.38A, 12V@6.23A, 5VSB@0.16A
	(3.0 GHz Intel® Core™ I5-8500 CPU with four 16 GB 2400 MHz DDR4 memory)
Power Supply	ATX/AT 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

Ordering Information

IMBA-C2460-R10	ATX motherboard supports 14nm LGA1151 Intel® Xeon® E,8th/9th Core™ i9/i7/i5/i3, Celeron® and Pentium® per Intel® C246, ECC & non-ECC DDR4, triple independent displays, dual GbE LAN, M.2, USB 3.2 Gen 2, SATA 6Gb/s, HD Audio and RoHS

Packing List

1 x IMBA-C2460 single board computer	2 x SATA cable
1 x I/O shielding	1 x QIG