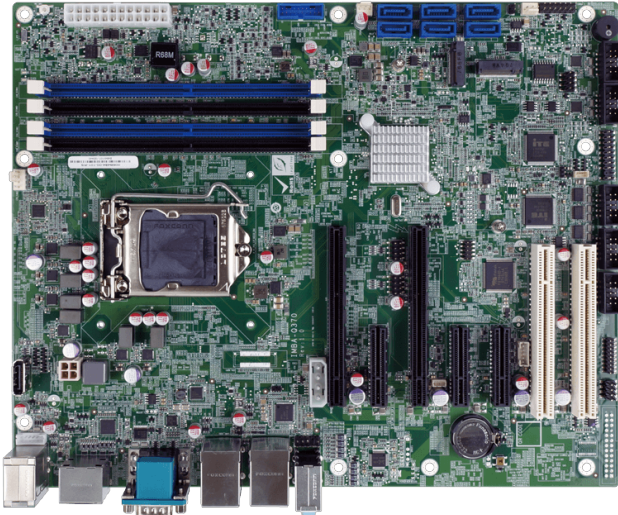


# IMBA-C2460

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)<br>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)<br>6 x SATA  |
| I/O Interface               |  |
| Display Output              | 1 x Display Port: Internal DisplayPort<br>1 x DP++<br>1 x HDMI™<br>1 x VGA                                     |
| Ethernet                    | 2 x LAN::<br>LAN1: Intel® I219LM PCIe controller with AMT 11.0 support<br>LAN2: Intel® I210AT PCIe controller  |
| Audio                       | 1 x Front Audio(2x5-pin)<br>HD Audio: Realtek ALC662 HD codec  |

|                       |  |
|-----------------------|--|
|                       | 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::<br>1 x PS/2 (External)<br>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  |
| <b>Other Features</b> |  |
| TPM                   | 1 x TPM 2.0 connector (2x10 pin)   |
| <b>Power</b>          |  |
| Power Consumption     | 3.3V@0.38A, 5V@9.38A, 12V@6.23A, 5VSB@0.16A<br>(3.0 GHz Intel® Core™ I5-8500 CPU with four 16 GB 2400 MHz DDR4 memory) |
| Power Supply          | ATX/AT power supply<br>Support AT/ATX mode<br>ErP/EuP Compliant  |
| <b>Environment</b>    |  |
| Operating Temperature | -20°C ~ 60°C   |
| Storage Temperature   | -30°C ~ 70°C   |
| Humidity              | 5% ~ 95%, non-condensing   |
| <b>Certifications</b> |  |
| 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        |