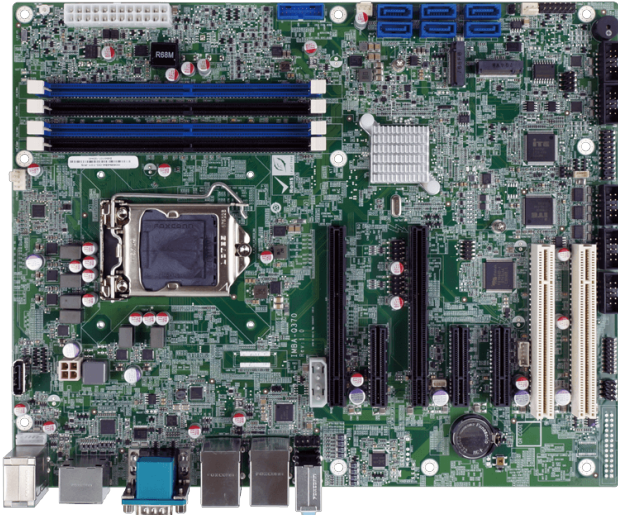


IMBA-C2460

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 |

| | |
|-----------------------|--|
| | 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 |