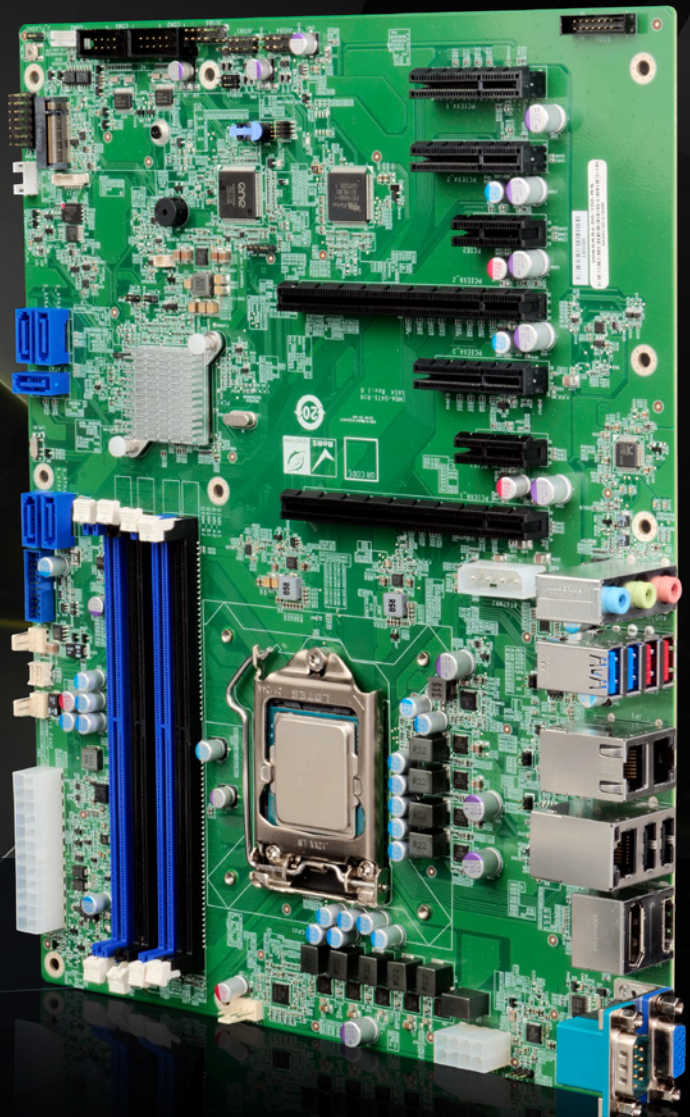


IMBA-Q471

ATX industrial motherboard supporting 10 th /11 th
Intel® Core™ i9/i7/i5/i3, Celeron®, Pentium® processors

- support HDMI, DP, VGA triple independent display output
- support triple Intel® i225V 2.5GbE controller
- support 2x PCIe x16, 3x PCIe x4, 2 x PCIe x1 and 1 x M.2 M key expansion slots
- support 2 x USB 3.2 Gen2, 4 x USB 3.2 Gen1, 8x USB 2.0, transfer rate up to 10Gb/s
- support 3x RS-232, 1 x RS-422/485, 5 x SATA 6Gb/s connector

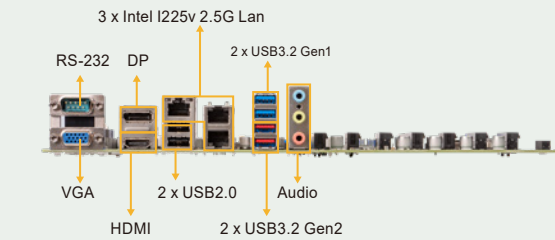
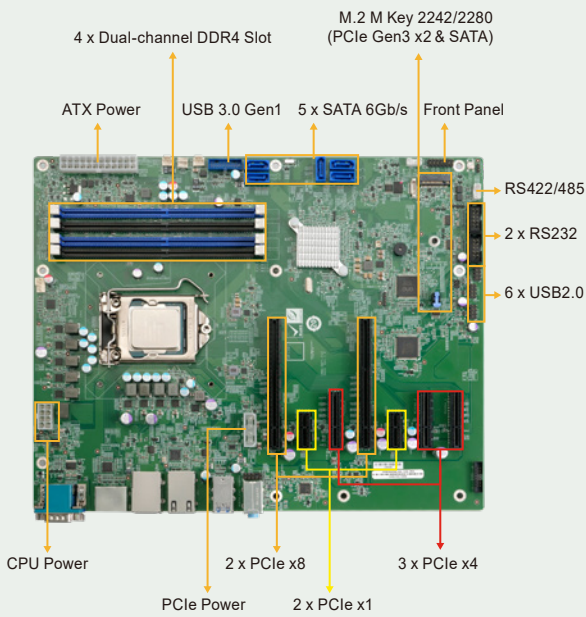
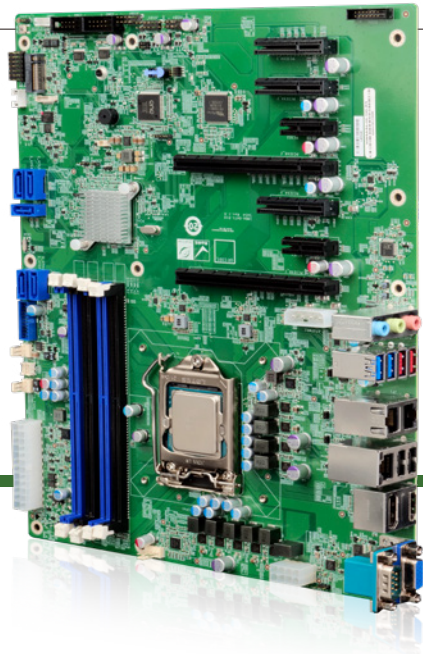
**PURE PCIe Expansion Slots
High Performance**



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IMBA-Q471

ATX Motherboard Supports 10th/11th Gen. LGA1200 Intel® Core™ i9/i7/i5/i3, Celeron® and Pentium® Processors, DDR4, Triple Independent Displays, Triple 2.5GbE, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS



Support Intel® 10th/11th generation processor

Support Intel® 10th/11th generation Core™ i9/i7/i5/i3, Celeron® and Pentium® Serise processor (LGA 1200 slot), release super performance, and can handle multiple tasks at the same time



Support Intel® I225V 2.5GbE Controller

The IMBA-Q471 is equipped with 3 Gigabit RJ45 network ports via Intel® I225V 2.5GbE network controllers to achieve up to 2.5GbE network transmission rate.



Support USB 3.2 Gen 1 / Gen 2 up to 10Gb/s

The design of the motherboard is based on USB 3.2 protocol. Two USB 3.2 Gen 1 (5Gb/s) and two USB 3.2 Gen 2 (10Gb/s) are provided through external I/O for faster data transfer rate. The IMBA-Q471 also has internal USB 3.2 Gen 1 and USB 2.0 ports for additional wiring options..



Full-featured PCIe Expansion Slot

The IMBA-Q471 features two PCIe Gen3 x16 slots that support PCIe Gen3 x8 signals, enabling it to accept two independent graphics cards at the same time. There are also three PCIe Gen3 x4 slots and two PCIe Gen3 x1 slots that support PCIe expansion cards such as network cards, sound cards or motion control cards.

IMBA-Q471 Block Diagram

