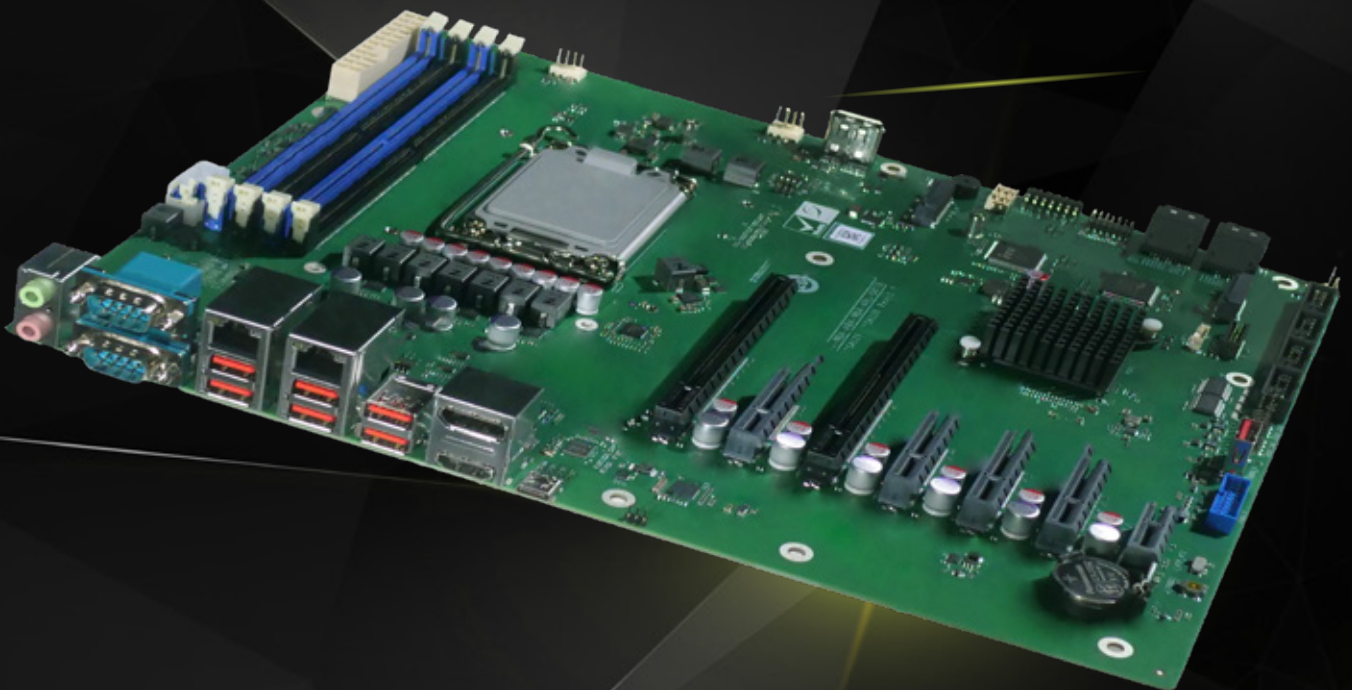


IMBA-ARL-Q870

ATX motherboard supports high-Performance Intel® Core™ Ultra Processors (Series 2) , DDR5, Quadruple independent displays, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS

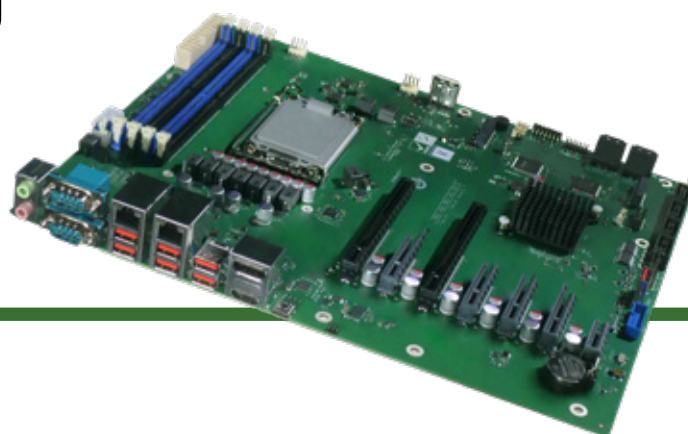
- LGA1851 high-Performance Intel® Core™ Ultra Processors (Series 2)
- Dual-channel DDR5 supported up to 192GB
- Support DisplayPort, HDMI and USB4
- Support two M.2 M key for storage
- Support two PCIe x16, four PCIe x4 and two PCIe x1 expansion



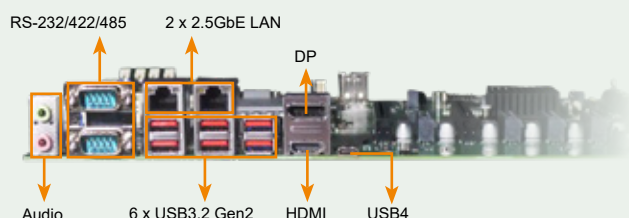
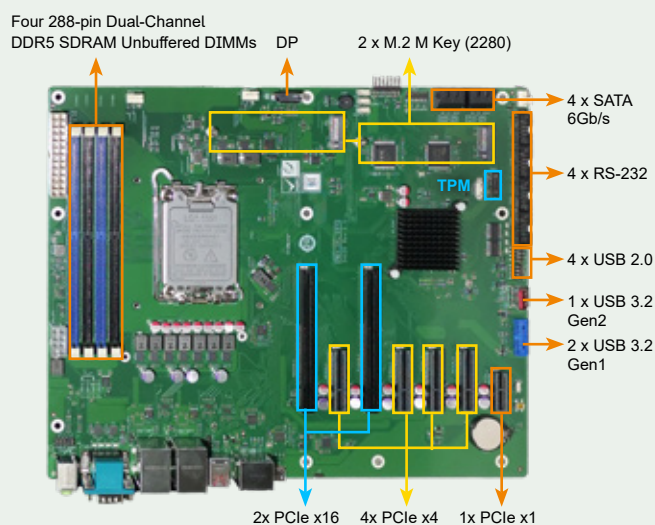
www.ieiworld.com

IMBA-ARL-Q870

ATX motherboard supports high-Performance Intel® Core™ Ultra Processors (Series 2) , DDR5, Quadruple independent displays, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS



intel



Support High-Performance Intel® Core™ Ultra CPU

LGA1851 socket supports high-Performance Intel® Core™ Ultra Processors (Series 2) (up to 125W TDP CPU)



Support Dual-Channel DDR5 SDRAM Unbuffered DIMMs

IEI design the IMBA-ARL-Q870 support 4 x 288-pin 5600 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 192GB



Support Intel® 2.5GbE Network Controller

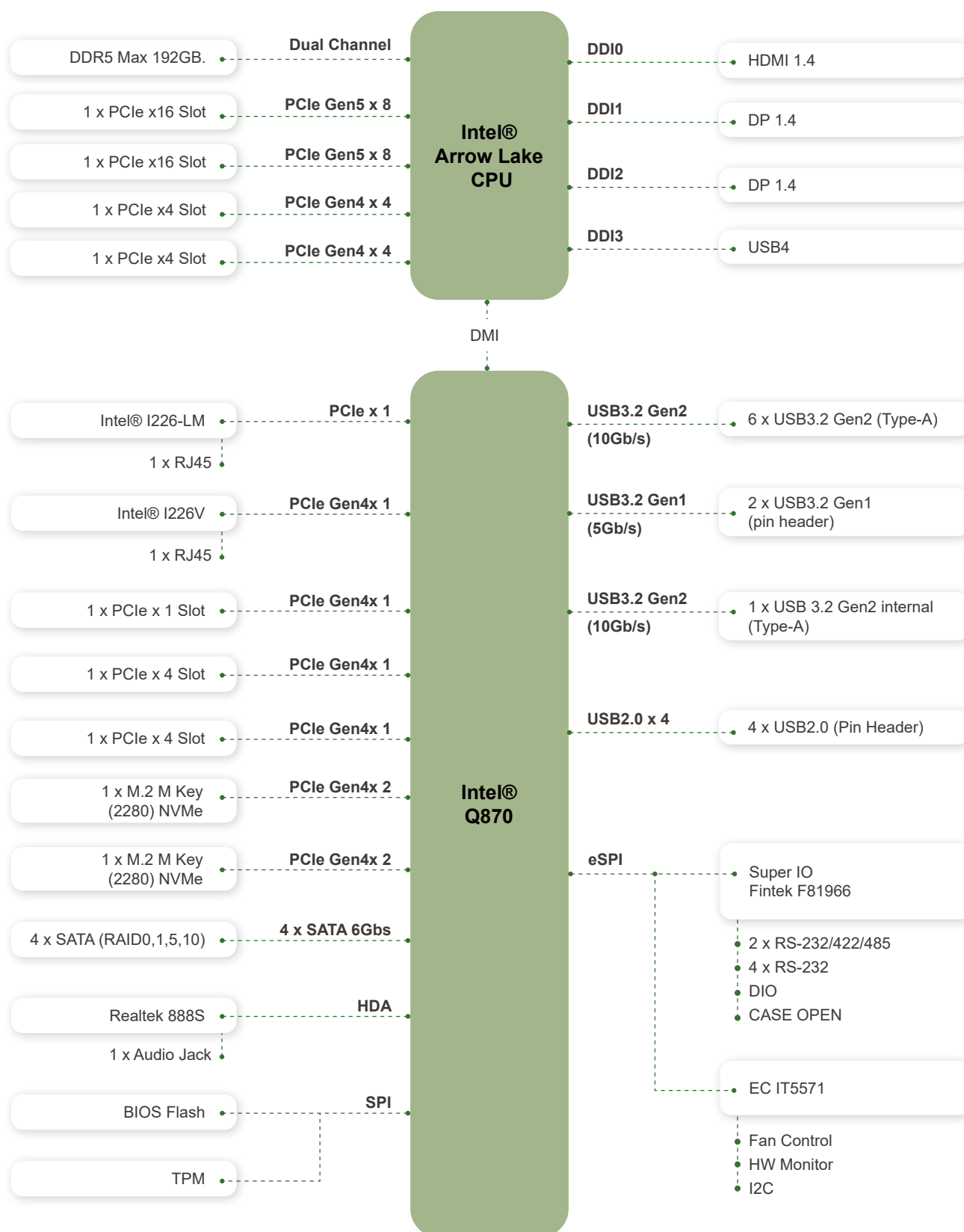
Two RJ45 network ports are provided via Intel® I226-LM and I226-V 2.5GbE network controller to achieve up to 2.5GbE network transmission rate



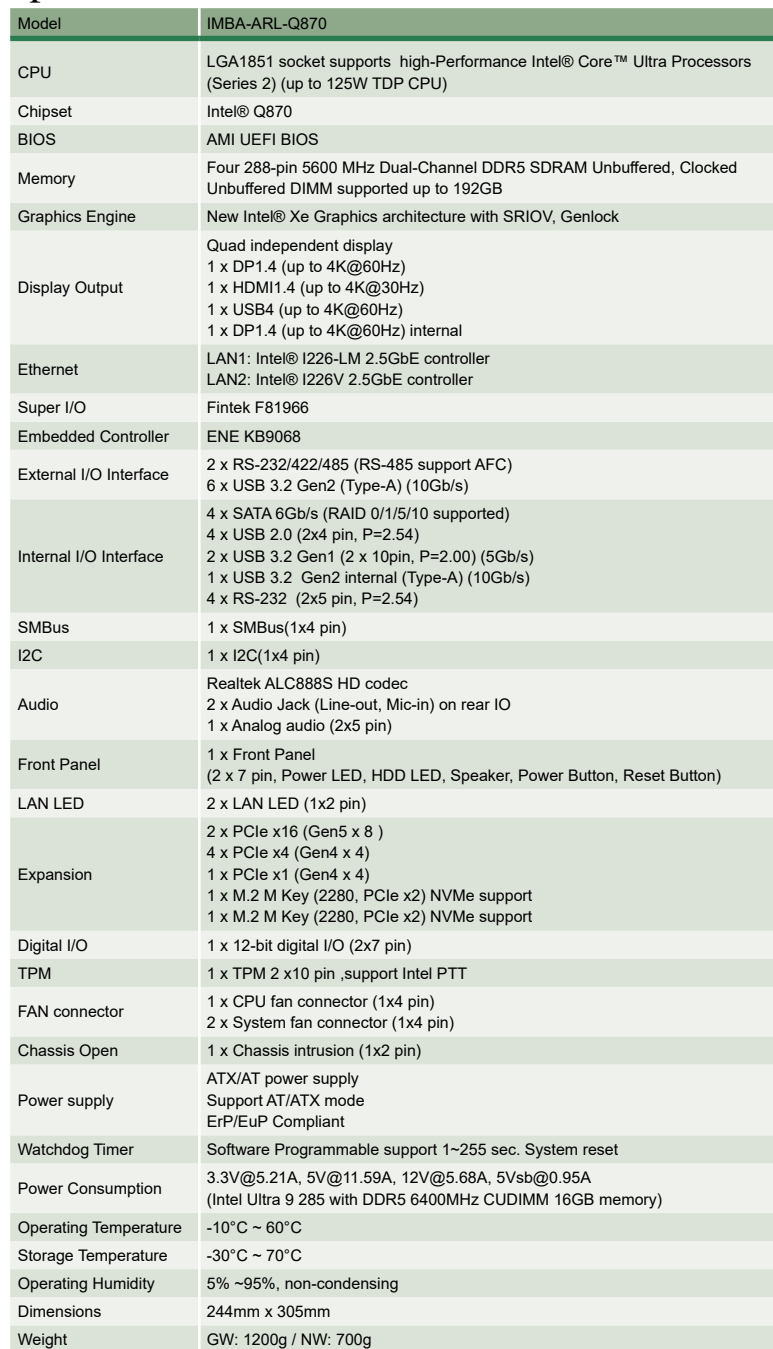
Abundant Expansion Slots

The IMBA-ARL-Q870 supports 2 x PCIe Gen5 x8 slot, 4 x PCIe Gen4 x 4 and 1 x PCIe Gen4 x 1 slot for more PCI express card to install, and 2 x M.2 M key for NVME storage

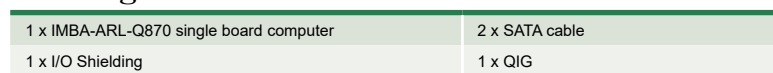
Block Diagram



Specifications



Packing List



Ordering Information

IMBA-ARL-Q870-R10	ATX motherboard supports high-Performance Intel® Core™ Ultra Processors (Series 2), DDR5, Quadruple independent displays, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
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Optional Accessories

19800-003100-100-RS	Dual port USB cable with bracket, 30mm, P=2.54
19800-010500-200-RS	USB 3.0 cable 457mm with bracket
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32205-000702-100-RS	RS-232 cable, 230mm, P=2.54