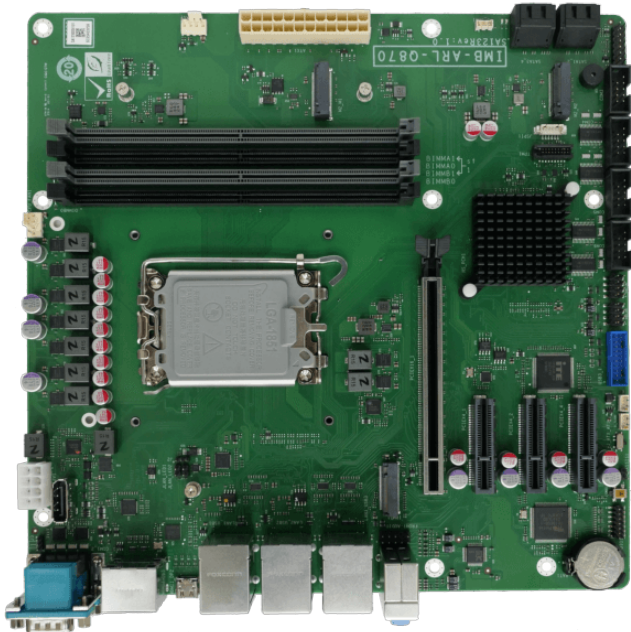


IMB-ARL-Q870

micro-ATX motherboard 支持 LGA1851 Intel® 15th Ultra™ 处理器, DDR5, 四重独立显示, 两个 LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio 和 RoHS



Features

1. high-Performance Intel® Core™ Ultra Processors (Series 2)
2. 支持四个 288-pin 5600 MHz Dual-Channel DDR5 Clocked Unbuffered DIMM (CUDIMM) 高达 192GB
3. 只支持两个Intel® 2.5GbE 控制器
4. 支持 PCIe Gen5 x16, PCIe Gen4 x4, 2 x M.2 M key 和 M.2 B key 扩展

Specifications

尺寸类型	
尺寸类型	Micro-ATX
系统	
CPU	high-Performance Intel® Core™ Ultra Processors (Series 2)
内存	Four 288-pin 5600 MHz Dual-Channel DDR5 SDRAM Clocked Unbuffered DIMM (CUDIMM) DIMMs
内存上限	192GB
散热方案/系统风扇	1 x CPU fan connector (1x4 pin) 1 x System fan connector (1x4 pin)
物理特性	
尺寸 (LxWxH) (mm)	244mm x 244mm
净重	GW: 1200g / NW: 700g
存储	
存储	4 x SATA : 6Gb/s (RAID 0/1 supported)
I/O 接口	
显示输出	1 x HDMI™ : HDMI 1.4 (高达 4K @30Hz) 1 x DP++ - DP1.4 (高达4K @60Hz) DP1.4 (高达4K @60Hz) 内部 1 x USB4 : 40Gb/s speed, support DP 4096 x 2304 @60Hz, up to 15W per port
网络	2 x LAN - LAN1: Intel® I226-LM 2.5GbE controller LAN2: Intel® I226V 2.5GbE controller
I/O接口	2 x 外部RS-232/422/485 : RS-485 support AFC 4 x 内部RS-232 : 2x5 pin, P=2.54 4 x 内部 USB 2.0 : 2x4 pin, P=2.54 1 x DIO : 12位数字 I/O (2x7 pin) 6 x 外部 USB 3.2 Gen2x1 : Type-A, 10Gb/s 2 x Internal USB 3.2 Gen1x2 : 2x10 pin, P=2.00, 5Gb/s
扩展	1 x PCIe x16 : PCIe Gen5 x16

	3 x PCIe x4 : PCIe Gen4 x4
	2 x M.2(NGFF) - 2 x M.2 M Key (2280, PCIe x4) 支持 NVMe 1 x M.2 B key 适用于 IRIS2-2600
电源	
电源功耗	3.3V@5.05A, 5V@11.94A, 12V@5.79A, 5VSB@0.6A
	(Intel® Core™ Ultra 9 285 with DDR5 5600MT/s U-DIMM 48GB memory)
电源供电	ATX/AT power supply
	Support AT/ATX mode
	ErP/EuP Compliant
环境	
操作温度	0°C ~ 60°C
存储温度	-30°C ~ 70°C
Humidity	5% ~ 95%, 无冷凝

Ordering Information

IMB-ARL-Q870-R10	micro-ATX motherboard supports LGA1851 Intel® 15th Generation Ultra™ processor, DDR5, Quadruple independent displays, triple LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
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Packing List

1 x IMB-MTL单板	1 x I/O 挡片
2 x SATA线	1 x QIG