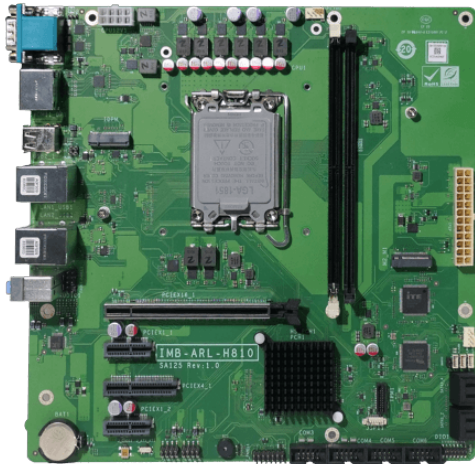


IMB-ARL-H810

micro-ATX 主板支持 high-performance Intel® Core™ Ultra (Series 2) 处理器



Features

- » high-Performance Intel® Core™ Ultra Processors (Series 2)
- » 支持两个 288-pin 5600 MHz Dual-Channel DDR5 SDRAM Unbuffered, Clocked Unbuffered DIMM (UDIMM & CUDIMM) 高达 96GB
- » 支持两个 Intel® 2.5GbE controller
- » 支持 PCIe Gen5 x16, PCIe Gen4 x4, PCIe Gen4 x1 和 M.2 M key 扩展

Specifications

尺寸类型	
尺寸类型	micro-ATX
系统	
CPU	LGA1851 socket supports 15th generation Arrow Lake-S Intel® Ultra Processor (up to 65W TDP CPU)
芯片组	Intel®H810
内存	Two 288-pin 5600 MHz Dual-Channel DDR5 SDRAM Unbuffered, Clocked Unbuffered DIMM (UDIMM & CUDIMM) (CUDIMM support 6400MHz), supported up to 96GB
内存上限	96GB
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
I/O 接口	
显示输出	1 x HDMI™ : 2.0 (高达 4K@60Hz) 1 x Display Port : DP1.4 (高达 4K@60Hz) 1 x iDPM : only for IEI module
网络	2 x LAN - LAN1: Intel® I219-LM controller LAN2: Intel® I226V 2.5GbE controller
音频	描述: Realtek ALC888S HD codec 2 x Audio Jack (Line-out, Mic-in) on rear IO 1 x Analog audio (2x5 pin)
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 2 x 外部 USB 2.0 : Type-A 2 x 外部 USB 3.2 Gen1x1 : Type-A (5Gb/s) 4 x 内部 USB 2.0 : 2xr pin, P=2.54 1 x DIO : 12位数字 I/O (2x7 pin) 2 x Internal USB 3.2 Gen2x1 : Type-A (10Gb/s)

	1 x I ² C : 1x4 pin
扩展	1 x PCIe x16 : Gen5
	1 x PCIe x4 : 开放式 Gen4
	2 x PCIe x1 : Gen4
	1 x M.2(NGFF) : M Key 2280 (PCIe Gen4 x1)
Other Features	
TPM	1 x TPM 2 x10 pin, support Intel PTT
电源	
电源功耗	3.3V@0.35A, 5V@6.49A, 12V@6.18A, 5VSB@0.27A (Intel Core Ultra 9 285 with DDR5 4800MT/s U-DIMM 32GB memory)
电源供电	ATX/AT power supply Support AT/ATX mode ErP/EuP Compliant
环境	
操作温度	-10°C ~ 65°C
	存储温度
Humidity	5% ~95%, 无冷凝
Watchdog Timer	
Watchdog Timer	软件可编程支持 1~255 秒系统重置

Ordering Information

IMB-ARL-H810-R10	micro-ATX motherboard supports LGA1851 Intel® 15th Generation Ultra™ processor, DDR5, Triple independent displays, dual 2.5GbE LAN, M.2, USB 3.2, SATA 6Gb/s, HD Audio and RoHS
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Packing List

1 x IMB-ARL-H810 单板	1 x I/O 挡片
2 x SATA 线	1 x QIG