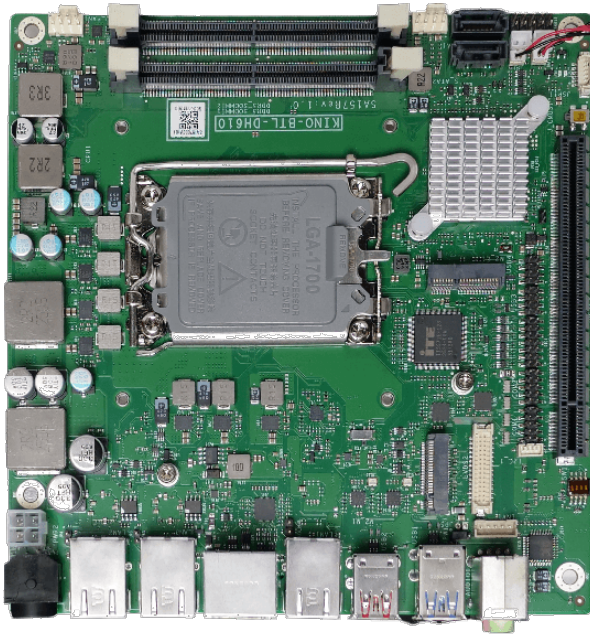


KINO-BTL-DH610

mini-ITX SBC supports 12th/13th/14th Gen Intel® Core™ 处理器 (Alder Lake-S / Raptor Lake-S) 和 Intel® Core™ 处理器 (Series 2) (Bartlett Lake-S)



Features

- » mini-ITX SBC supports 12th/13th/14th Gen Intel® Core™ processors (Alder Lake-S / Raptor Lake-S) and Intel® Core™ Processors (Series 2) (Bartlett Lake-S)
- » 2 x 262-pin DDR5 5600 MHz SO-DIMM, dual-channel, supports up to 96GB
- » Triple independent display via LVDS, HDMI and DP
- » Support triple Intel® I226V 2.5GbE controller
- » Support PCIe Gen4 x16, M.2 M key and M.2 E key expansion

Specifications

尺寸类型	
尺寸类型	Mini-ITX SBC
系统	
CPU	LGA1700 socket 支持 12/13/14th generation Intel® Core™ i9/i7/i5/i3, Celeron®, Pentium® processor和 Intel Core 处理器 (Series 2) (Bartlett Lake S) (高达 65W TDP CPU)
内存	2 x 262-pin DDR5 5600 MHz SO-DIMM, dual-channel
内存上限	高达 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)	170mm x 170mm
净重	GW:900g / NW:450g
存储	
存储	2 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 : 1.4 (高达 4K @60Hz)
	1 x LVDS : 高达 1920 x 1200
网络	3 x LAN -
	LAN1: Intel® I219LM 1GbE 控制器
	LAN2: Intel® I226-V 2.5GbE 控制器
	LAN3: Intel® I226-V 2.5GbE 控制器
音频	HD Audio : Realtek ALC885S 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 内部RS-232/422/485 : 2x5 pin, P=2.0
	2 x 外部 USB 3.2 Gen1x1 : Type-A, 5Gb/s
	4 x 内部 USB 2.0 : 2x4 pin, P=2.0
	1 x DIO : 12-bit digital I/O (2x7 pin)

	2 x 外部 USB 3.2 Gen2x1 : Type-A, 10Gb/s
	1 x I ² C : 1x4 pin, p=1.25
扩展	1 x PCIe x16 : with x16 Signal Gen4
Other Features	
TPM	1 x Intel TPM
	1 x Onboard TPM (Infineon SPI TPM 2.0 with SLB9670VQ2.0)
电源	
电源功耗	12V@10.9A, 19V@6.8A, 24V@5.3A, 28V@4.6A,
	(Intel® Core 14900 with 16 GB 4800 MHz DDR5 memory, EuP mode disabled)
电源供电	12-28V DC
环境	
操作温度	-10°C ~ 60°C
存储温度	-30°C ~ 70°C
Humidity	5% ~95%, 无冷凝
Card Slot Interface	
M.2	1 x M.2 M key (2280, PCIe Gen3 X 4)
	1 x M.2 E key (2230, PCIe Gen3 x1 &USB 2.0)

Ordering Information

KINO-BTL-DH610-R10	Mini-ITX SBC supports LGA1700 12/13/14th Intel® Core™ i9/i7/i5/i3, Celeron® and Pentium® processor & Intel Core Processors (Series 2)(Bartlett Lake S), DDR5, Triple independent displays, quad LAN, USB 3.2, SATA 6Gb/s and RoHS
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Packing List

1 x KINO-BTL-DH610 单板	1 x I/O 挡片
2 x SATA cable	1 x QIG