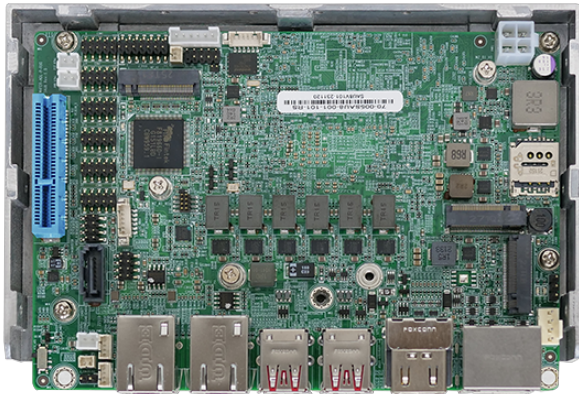


WAFER-ADL-P

3.5 SBC 支持 Intel® Alder Lake-P/Raptor Lake-P Core™ i7/i5/i3 和 Celeron® 处理器，板载 8GB LPDDR4x 内存。具有 DP、HDMI™、双 2.5GbE、USB 3.2 gen 2、M.2、SATA 6Gb/s、COM、PCIe x4 槽，符合 RoHS。



Features

- » 支持 12/13 代 Intel® mobile Alder Lake-P/Raptor Lake-P 板载 SoC
- » 板载 LPDDR4x 3200 MHz 8GB 内存，内存上限为 32GB
- » 支持两路 HDMI™、两路 DP，四路独立显示
- » 支持 PCIe X4、M.2 M key、M.2 B key 和 M.2 A key 扩展
- » 支持两个 2.5GbE 网口，使用 Intel® I225V/I226V 网络芯片

Specifications

尺寸类型	
尺寸类型	3.5" SBC
系统	
CPU	12th/13th Gen. Intel® mobile Alder Lake-P/Raptor Lake-P on board SoC
内存	板载 LPDDR4x-3200 MHz 8GB，内存上限为 32GB
内存上限	32GB
物理特性	
尺寸 (LxWxH) (mm)	146mm x 102mm
净重	350g
存储	
存储	1 x SATA : 6Gb/s
	1 x M.2(NGFF) : M.2 M Key 2242/2280 (PCIe Gen3 x4)
I/O 接口	
显示输出	2 x HDMI™ : 高达 4096x2160 @ 30Hz
	2 x Display Port : 高达 4096 x 2160 @60Hz
网络	2 x LAN -
	LAN1: Intel® I225V/I226V 2.5GbE controller
	LAN2: Intel® I225V/I226V 2.5GbE controller
音频	1 x HD Audio : 1 x iAUDIO, 支持 IEI AC-KIT-888S 音频模块 (2x5 pin)
I/O 接口	4 x 内部 RS-232 : 2x5 pin, P=2.0
	2 x 内部 RS-232/422/485 : 2x5 pin, P=2.0
	4 x 内部 USB 2.0 : 2x4 pin, P=2.0
	4 x 外部 USB 3.2 Gen2x1 : 10Gb/s (Type A)
扩展	1 x PCIe x4 : PCIe Gen3 x4 (x4 & x2+x2)

	1 x On-board SIM card socket (hinge type) for M.2 B key
电源	3 x M.2(NGFF) -
电源功耗	1 x M.2 A Key 2230 for WIFI & BT (PCIe Gen3 x 1 & USB 2.0) 1 x M.2 B Key 2242 for Intel® Core™ i7-1255U CPU, 8 GB 3200 MHz LPDDR4x 内存, 最大增加数(启用 EuP 模式) 1 x M.2 B Key 2242 (PCIe Gen3 x4) 1 x M.2 B Key 3042 (PCIe x2 & USB 2.0)
电源供电	ATX/AT电源
	支持AT/ATX模式
	符合 ErP/EuP
环境	
操作温度	-10°C ~ 60°C
存储温度	-30°C ~ 70°C
Humidity	5% ~95%, 无冷凝

Ordering Information

WAFER-ADL-P-i7C-R10	3.5 SBC supports Intel® Alder Lake-P Core™ i7-1255U Processor , with 8GB LPDDR4x memory on board default, with DP ,HDMI™ ,dual 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM,PCIe x4 for riser card and RoHS
WAFER-ADL-P-i5C-R10	3.5 SBC supports Intel® Alder Lake-P Core™ i5-1235U Processor , with 8GB LPDDR4x memory on board default, with DP ,HDMI™ ,dual 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM,PCIe x4 for riser card and RoHS
WAFER-ADL-P-i3C-R10	3.5 SBC supports Intel® Alder Lake-P Core™ i3-1215U Processor , with 8GB LPDDR4x memory on board default, with DP ,HDMI™ ,dual 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM,PCIe x4 for riser card and RoHS
WAFER-ADL-P-CC-R10	3.5 SBC supports Intel® Alder Lake-P Celeron® 7305 SoC Processor , with 8GB LPDDR4x memory on board default, with DP ,HDMI™ ,dual 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM,PCIe x4 for riser card and RoHS

Packing List

1 x WAFER-ADL-P 单板电脑	1 x SATA 线材
1 x QIG	