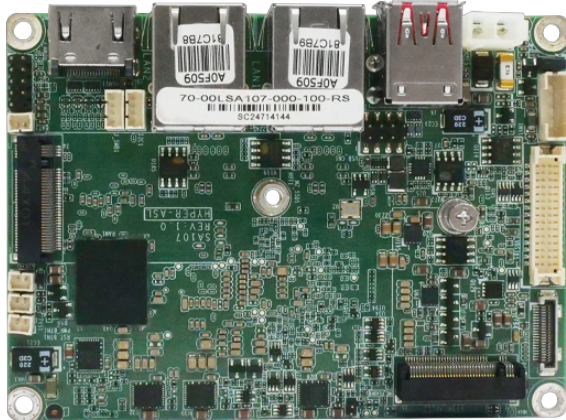


# HYPER-ASL

PICO-ITX SBC with Intel® Alder Lake-N/Amston Lake on-board SoC, with 8GB LPDDR5 memory on board default, with HDMI, LVDS, M.2 M key, M.2 A key, USB 3.2, iSATA 6GB/s, COM, RoHS



## Features

- » PICO-ITX SBC with Intel® Alder Lake-N/Amston Lake on-board SoC
- » On-board LPDDR5 8G pre-installed (system max. 16GB)
- » Double displays with 1 x HDMI 2.0 and 1 x LVDS
- » Support 2 x 2.5GbE with i226-V
- » Support M.2 A Key and M.2 M key

## Specifications

Form Factor	
Form Factor	PICO-ITX
System	
CPU	Support Intel® Alder Lake-N/Amston Lake series processor.
	Intel® Alder Lake-N N97 SoC on-board SoC
	Intel® Amston Lake x7433RE on-board SoC
	Intel® Amston Lake x7835RE on-board SoC
Memory	Dual channel on-board LPDDR5 8G pre-installed (system max.16GB)
Memory Max.	16GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	100mm x 72mm
Net Weight	250g
Storage	
Storage	1 x M.2(NGFF) : 1 x M.2 M Key 2242 (PCIe Gen3 x2)
	1 x SATA : iSATA 6Gb/s
I/O Interface	
Display Output	1 x HDMI™ : up to 4K @ 30Hz
	1 x LVDS : 24-bit dual-channel, up to 1920 x 1200
Ethernet	2 x LAN -
	LAN1: Intel® I226-V 2.5GbE controller
	LAN2: Intel® I226-V 2.5GbE controller
Audio	1 x HD Audio : 1 x IAUDIO, support IEI AC-KIT-888S Audio Module (2x5 pin)
I/O Interface	2 x External USB 3.2 Gen2x1 : 10Gb/s (Type A)
	1 x Internal RS-232/422/485 : 1*9 pin, P=1.25, 90°
	2 x Internal USB 2.0 (2x4 pin, P=2.0)
Expansion	2 x M.2(NGFF) -
	1 x M.2 A Key 2230 (PCIe Gen3 x1 & USB2.0)
	1 x M.2 M Key 2242 (PCIe Gen3 x2)
Power	
Power Consumption	12V@2.724A
	(Intel® Alder Lake-N N97 with 8 GB 4800 MHz LPDDR5 memory, max. loading, EuP mode disabled)
Power Supply	12V DC input, Support AT/ATX mode

Environment	
Operating Temperature	0°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing

## Ordering Information

HYPERS-ASL-R4C-R10	PICO-ITX SBC supports Intel Atom® x7835RE on-board SoC, with 8GB LPDDR5 memory on board default, with HDMI, LVDS, Dual LAN, M.2 M key, M.2 A key, USB 3.2, iSATA, COM, RoHS
HYPERS-ASL-R3C-R10	PICO-ITX SBC supports Intel Atom® x7433RE on-board SoC, with 8GB LPDDR5 memory on board default, with HDMI, LVDS, Dual LAN, M.2 M key, M.2 A key, USB 3.2, iSATA, COM, RoHS
HYPERS-ASL-N2C-R10	PICO-ITX SBC supports Intel® Alder Lake-N N97 on-board SoC, with 8GB LPDDR5 memory on board default, with HDMI, LVDS, Dual LAN, M.2 M key, M.2 A key, USB 3.2, iSATA,COM, RoHS

## Packing List

1 x HYPERS-ASL SBC with heat spreader	1 x iSATA cable
1 x QIG	