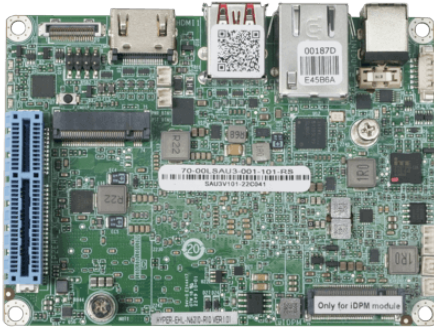


# HYPER-EHL

Pico-ITX SBC supports Intel® Celeron J6412/N6210 on-board SoC, with 4GB LPDDR4x memory on board default, with HDMI, iDPM, M.2 M key, USB 3.2, iSATA 6GB/s, COM, PCIe x4 for riser card and RoHS



## Features

- » Support Intel® Atom™ x6000 series / Pentium® / Celeron® processor (Elkhart Lake platform)
- » Support Intel® I225V 2.5GbE Ethernet controller
- » Support dual independent display via HDMI and iDPM
- » Support one PCIe x4 and one M.2 M Key expansions
- » Support two USB 3.2 Gen 2, two USB 2.0, with up to 10Gb/s transfer speed

## Specifications

Form Factor	
Form Factor	Pico-ITX
System	
CPU	<ul style="list-style-type: none"> <li>» Onboard Intel® Atom™ x6000 series Celeron® processor (Elkhart Lake platform)</li> <li>» Intel® Celeron® J6412 on-board SoC (up to 2.6GHz, quad-core, 1.5M Cache, TDP=10W)</li> <li>» Intel® Celeron® N6210 on-board SoC (up to 2.6GHz, dual-core, 1.5M Cache, TDP=6.5W)</li> </ul>
Memory	LPDDR4x-3200Gbps 4GB, up to 8GB
Memory Max.	8GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	100mm x 72mm
Net Weight	600g
Storage	
Storage	<ul style="list-style-type: none"> <li>1 x M.2(NGFF) : M key (2242, PCIe Gen3 X 2)</li> <li>1 x SATA : iSATA 6Gb/s</li> </ul>
I/O Interface	
Display Output	<ul style="list-style-type: none"> <li>1 x HDMI : up to 4096x2160 @ 30Hz</li> <li>1 x iDPM : support iEi eDP/ LVDS/ VGA module</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>1 x LAN -</li> <li>LAN1: Intel® I225V 2.5GbE controller</li> </ul>
I/O Interface	<ul style="list-style-type: none"> <li>2 x External USB 3.2 Gen2x1 : 10Gb/s (Type A)</li> <li>1 x Internal RS-232/422/485 : 1x9 pin, P=1.25</li> <li>2 x Internal USB 2.0 : 2x4 pin, P=2.0</li> </ul>
Expansion	<ul style="list-style-type: none"> <li>1 x M.2(NGFF) : M key (2242, PCIe Gen3 X 2)</li> <li>1 x PCIe x4 (PCIe Gen3 x4)</li> </ul>
Power	
Power Consumption	12V@ 2.07A
	(Intel® Celeron® J6412 CPU with 4 GB 3200 MHz LPDDR4x memory, max. loading, EuP mode enabled)
Power Supply	ATX/AT power supply
	Support AT/ATX mode
	ErP/EuP Compliant
Environment	

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

## Ordering Information

HYPHER-EHL-N6210B-R10	PICO-ITX SBC supports Intel® two-core Celeron® N6210 1.2GHz on-board SoC, with 4GB LPDDR4x memory on board default, with HDMI, iDPM, M.2 M key, USB 3.2, iSATA 6GB/s, COM, PCIe x4 for riser card and RoHS
HYPHER-EHL-J6412B-R10	PICO-ITX SBC supports Intel® quad-core Celeron® J6412 2.0GHz on-board SoC, with 4GB LPDDR4x memory on board default, with HDMI, iDPM, M.2 M key, USB 3.2, iSATA 6GB/s, COM, PCIe x4 for riser card and RoHS

## Packing List

1 x HYPHER-EHL single board computer	1 x SATA cable
1 x QIG	