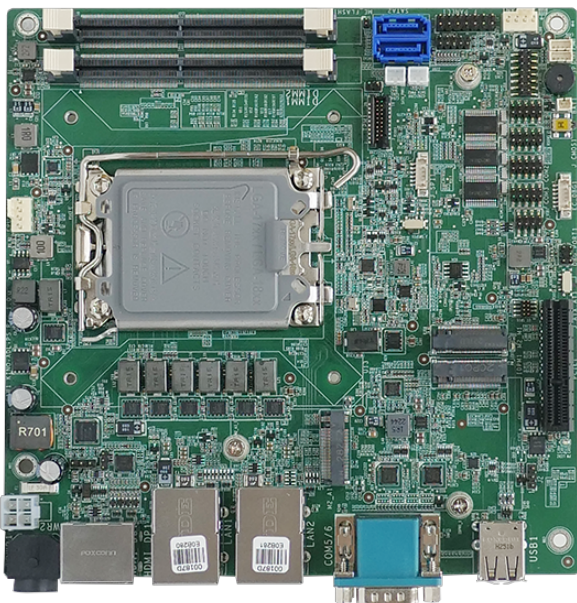


KINO-ADLPS

Mini-ITX SBC support Intel® Alder Lake-PS Core™ i7/i5/i3 and Celeron® processor, DDR4 SO-DIMM, triple display with DP, HDMI™ and iDPM slots, SATA, Dual Intel 2.5GbE, USB3.2, M.2, RoHS



Features

- » Mini-ITX SBC support Intel® Alder Lake-PS Core™ i7/i5/i3 and Celeron® processor (socket)
- » Support two 3200MHz DDR4 SO-DIMM
- » Triple independent display via HDMI™, DP, iDPM
- » Support Dual Intel® I225V/I226V 2.5GbE controller
- » Support PCIe Gen3 x4, M.2 M key and M.2 A key expansion

Specifications

System	
CPU	Mini-ITX SBC support Intel® Alder Lake-PS Core™ i7/i5/i3 and Celeron® processor (socket)
Memory	Two 3200 MHz DDR4 SO-DIMMs
Cooling method / System Fan	1 x CPU fan connector (1x4 pin)
	1 x System fan connector (1x4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	170mm x 170mm
Net Weight	GW: 900g / NW: 400g
Storage	
Storage	2 x SATA : 6Gb/s
	1 x M.2(NGFF) : M Key 2242/3080 (PCIe Gen4 x4)
I/O Interface	
Display Output	1 x HDMI™ : up to 4096 x 2304@60Hz
	1 x Display Port : up to 4096 x 2304 @60Hz
	1 x iDPM : 3040 slot (only for iEi eDP/LVDS/VGA module)
Ethernet	2 x LAN -
	LAN1: Intel® I225-V/I226-V 2.5GbE controller
	LAN2: Intel® I225-V/I226-V 2.5GbE controller
Audio	1 x HD Audio : 1 x iAUDIO, support IEI AC-KIT-888S Audio Module (2 x 5 pin)
I/O Interface	2 x External RS-232/422/485 : RS-485 support AFC
	4 x Internal RS-232 : 2x5 pin, P=2.0
	2 x External USB 2.0 : Type A
	2 x Internal USB 2.0 : 2x4 pin, P=2.0
	1 x DIO : 12-bit digital I/O (2x7 pin)
	4 x External USB 3.2 Gen2x1 : 10Gb/s
Expansion	1 x PCIe x4 : PCIe Gen3 x4 signal (x4 & x2 + x2 + x2 + x1 + x1)
	1 x M.2(NGFF) : A Key for WIFI & BT 2230 (PCIe Gen3 x1 & USB2.0)

Power	
Power Consumption	12V@2.59A
	(Intel® Core i7-12700HL 2.3GHz 45W CPU with 32GB 3200MHz DDR4 memory, max. loading, EuP mode enabled)
Power Supply	+12V DC input power (AT/ATX mode)
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~95%, non-condensing

Ordering Information

KINO-ADLPS-i7-R10	Mini-ITX SBC with Intel® Alder Lake-PS Core™ i7-1265UL Processor (socket), DDR4 SO-DIMM, Triple Display,SATA,Dual Intel 2.5GbE,USB3.2,M.2,RoHS
KINO-ADLPS-i5-R10	Mini-ITX SBC with Intel® Alder Lake-PS Core™ i5-1245UL Processor (socket), DDR4 SO-DIMM, Triple Display,SATA,Dual Intel 2.5GbE,USB3.2,M.2,RoHS
KINO-ADLPS-i3-R10	Mini-ITX SBC with Intel® Alder Lake-PS Core™ i3-1215UL Processor (socket), DDR4 SO-DIMM, Triple Display,SATA,Dual Intel 2.5GbE,USB3.2,M.2,RoHS
KINO-ADLPS-C-R10	Mini-ITX SBC with Intel® Alder Lake-PS Celeron® 7305L Processor (socket), DDR4 SO-DIMM, Triple Display,SATA,Dual Intel 2.5GbE,USB3.2,M.2,RoHS

Packing List

1 x KINO-ADLPS single board computer	1 x I/O Shielding
1 x SATA with power cable	1 x QIG