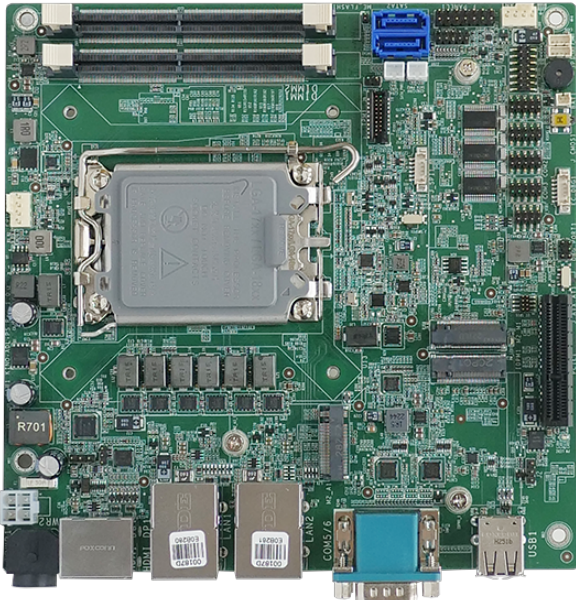


KINO-ADLPS

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 |