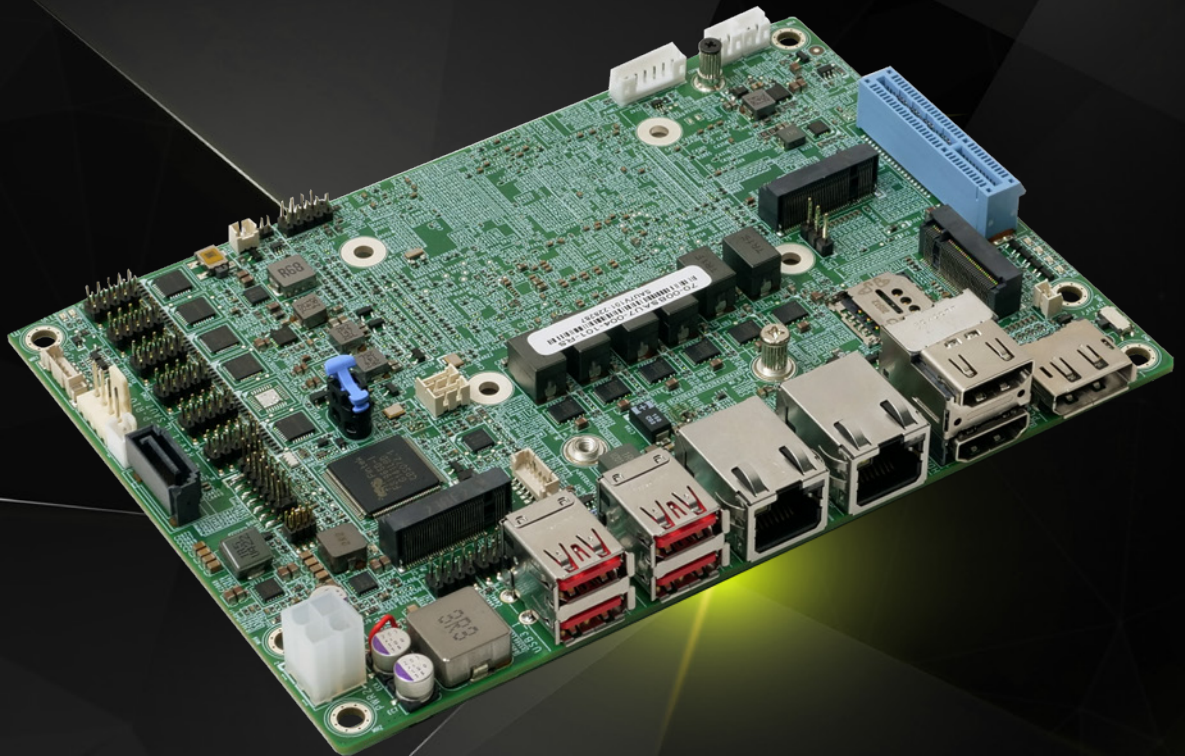


NANO-ADL-P

EPIC SBC supports Intel® Alder Lake-P Core™ i7/i5/i3 and Celeron® processor with 8GB LPDDR4x memory on board default

- Supports 12th Gen. Intel® mobile Alder Lake-P on board SoC
- On-board LPDDR4x 3200 MHz 8GB , up to 16GB
- Support 2 x 2.5GbE with i225-V
- Support quadruple independent display
- Support PCIE X4,M.2 B key and M.2 A key expansion

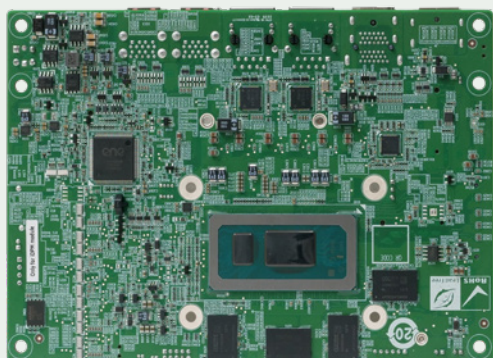
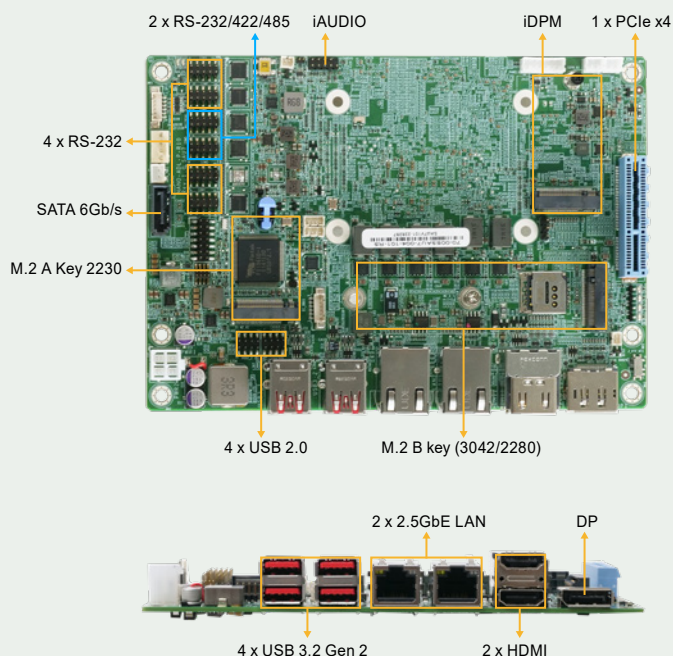
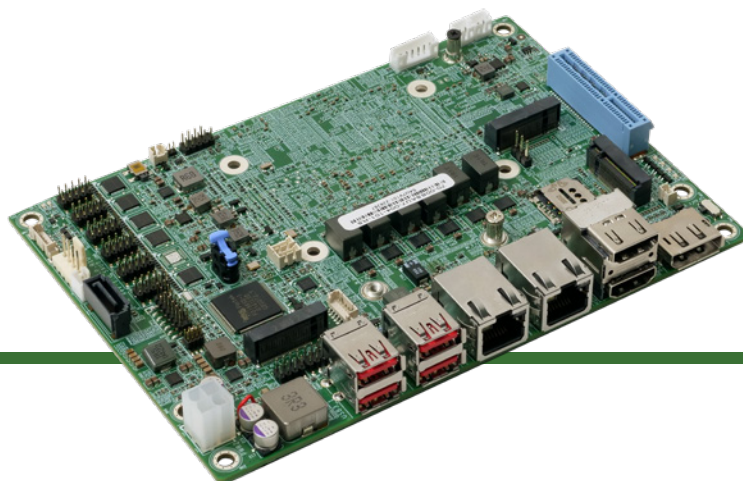
**High Performance Capability
with multi-tasking function**



www.ieiworld.com

NANO-ADL-P

EPIC SBC supports Intel® Alder Lake-P Core™ i7/i5/i3 and Celeron® processor with 8GB LPDDR4x memory on board default



Support 12th Intel® mobile AlderLake-Pon board SoC

Equipped with 12th Core™ i7/i5/i3 and Celeron® on-board processor.



Support Intel® I225V 2.5GbE Network Controller

Support RJ45 network interface via Intel® I225v 2.5GbE network controller to achieve up to 2.5GbE network transmission rate.



PCIe x4 Slot Available for Riser Card

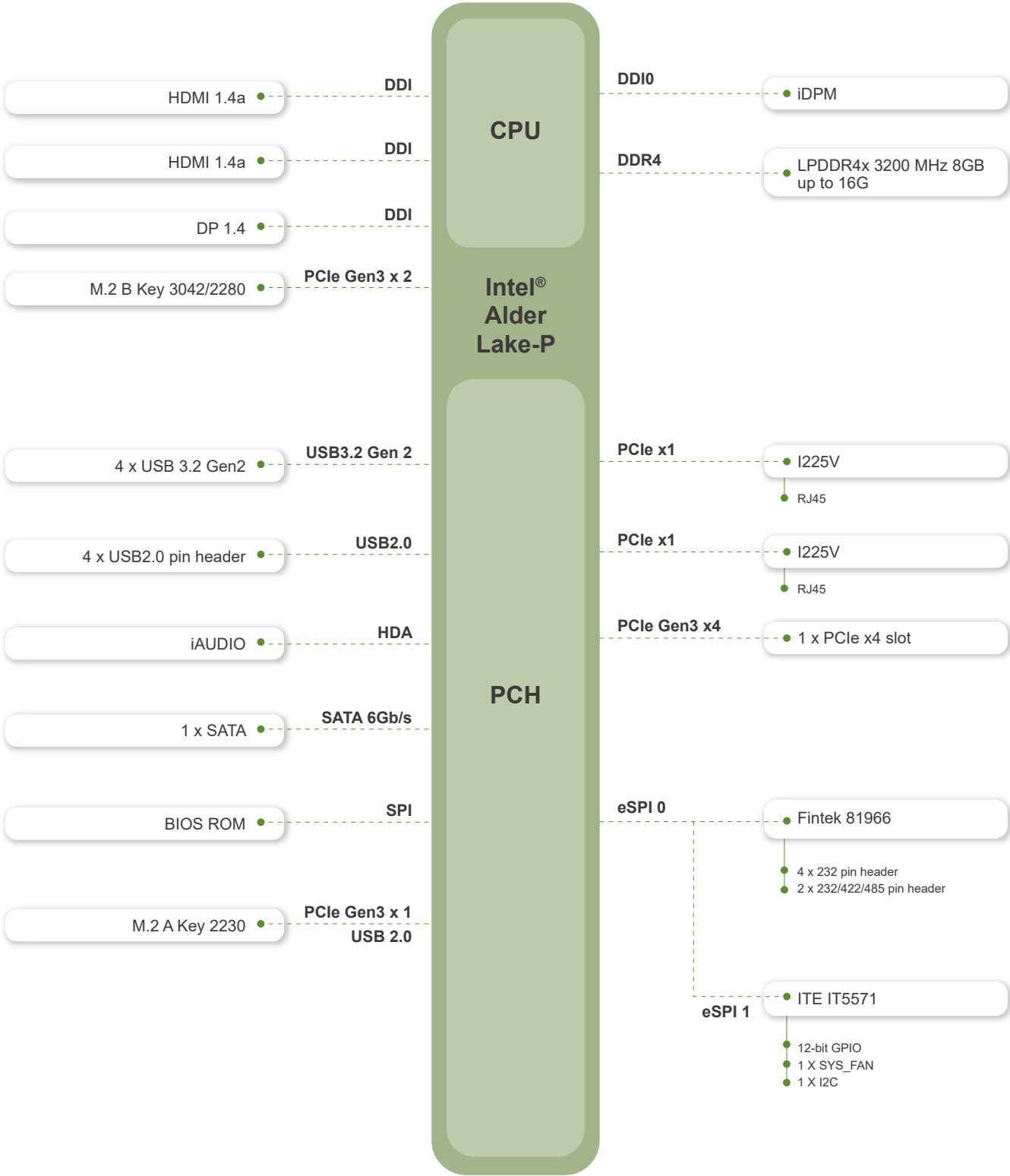
One PCIe x4 slot (PCIe Gen3 x4 signal) is reserved on the edge of the motherboard, which can be used to connect a PCIe expansion card or a riser card designed by IEI.



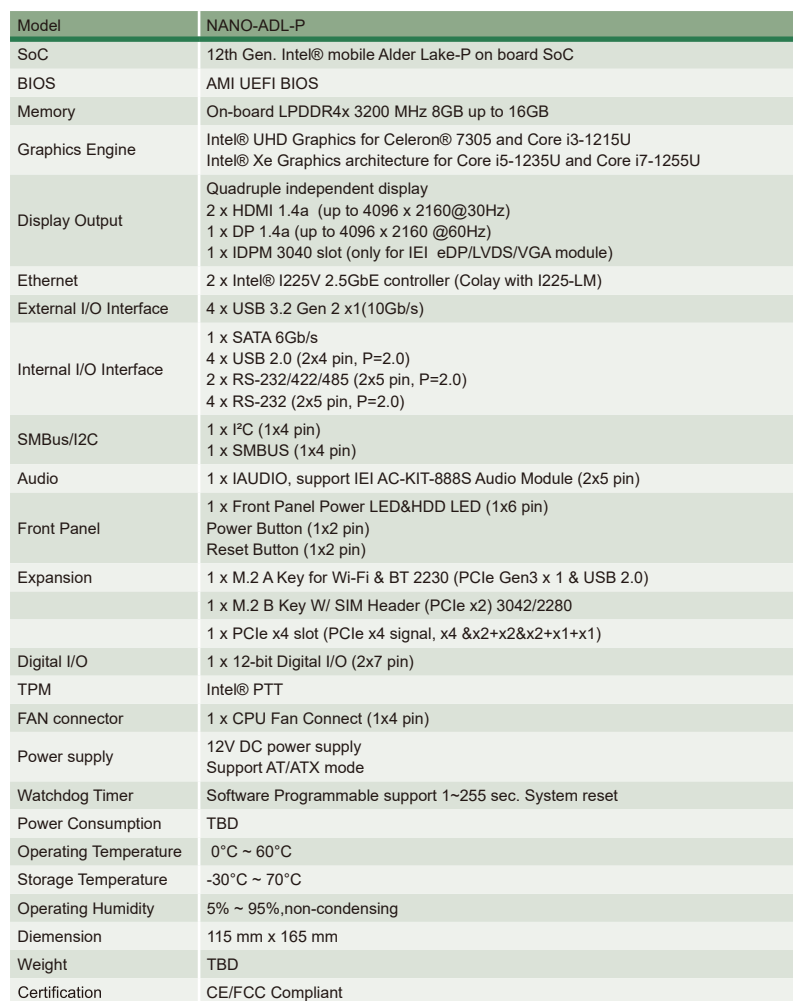
IEI-specific iDPM Interface

IEI uniquely designs a iDPM interface that can connect to display modules, enabling users to add LVDS/eDP/VGA display interface upon requirements.

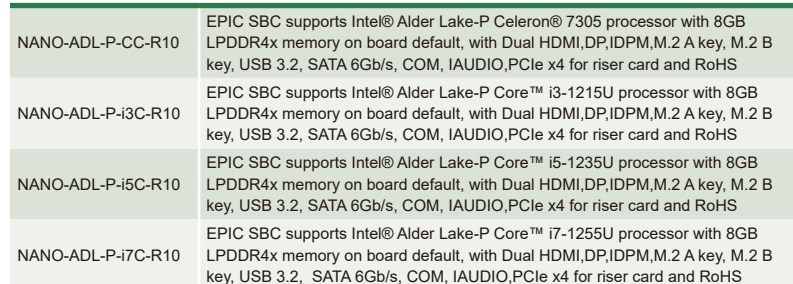
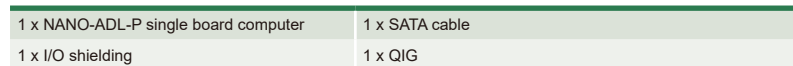
NANO-ADL-P Block Diagram



Specifications



Packing List



CB-USB02A-RS	Dual port USB cable with bracket, 300mm, P=2.0
32205-002700-200-RS	RS-232 cable, 200 mm, p=2.0 mm
AC-KIT-888S-R10	Realtek ALC888S 7.1 Channel HD Audio peripheral board,RoHS
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
iDPM-eDP-R10	eDP to eDP DisplayPort converter board (for IEI iDPM connector)
iDPM-LVDS-R10	eDP to LVDS DisplayPort converter board (for IEI iDPM connector)
NWR-L2S-R10	PCIe x2 to two PCIe x1 riser card for NANO/WAFER on the left side
NWR-R2S-R10	PCIe x2 to two PCIe x1 riser card for NANO/WAFER on the right side

Mouser Electronics

Authorized Distributor

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IEI:

[NANO-ADL-P-CC-R10](#) [NANO-ADL-P-i3C-R10](#) [NANO-ADL-P-i5C-R10](#) [NANO-ADL-P-i7C-R10](#)