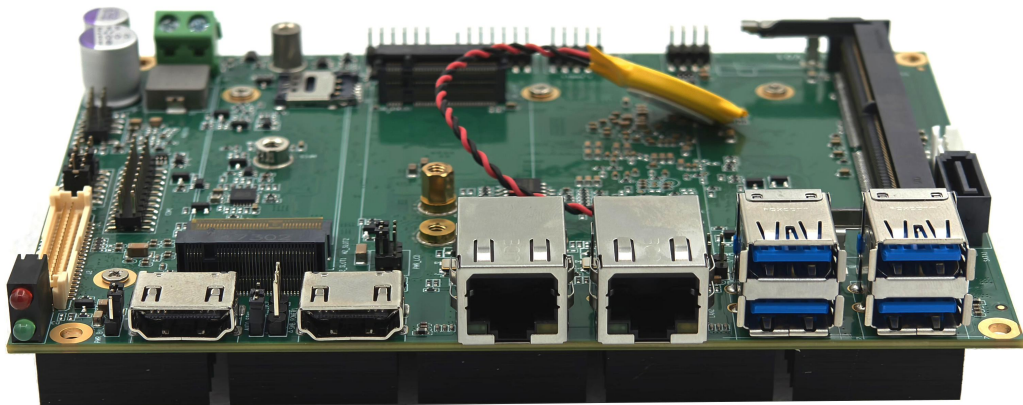


>> Datasheet <<

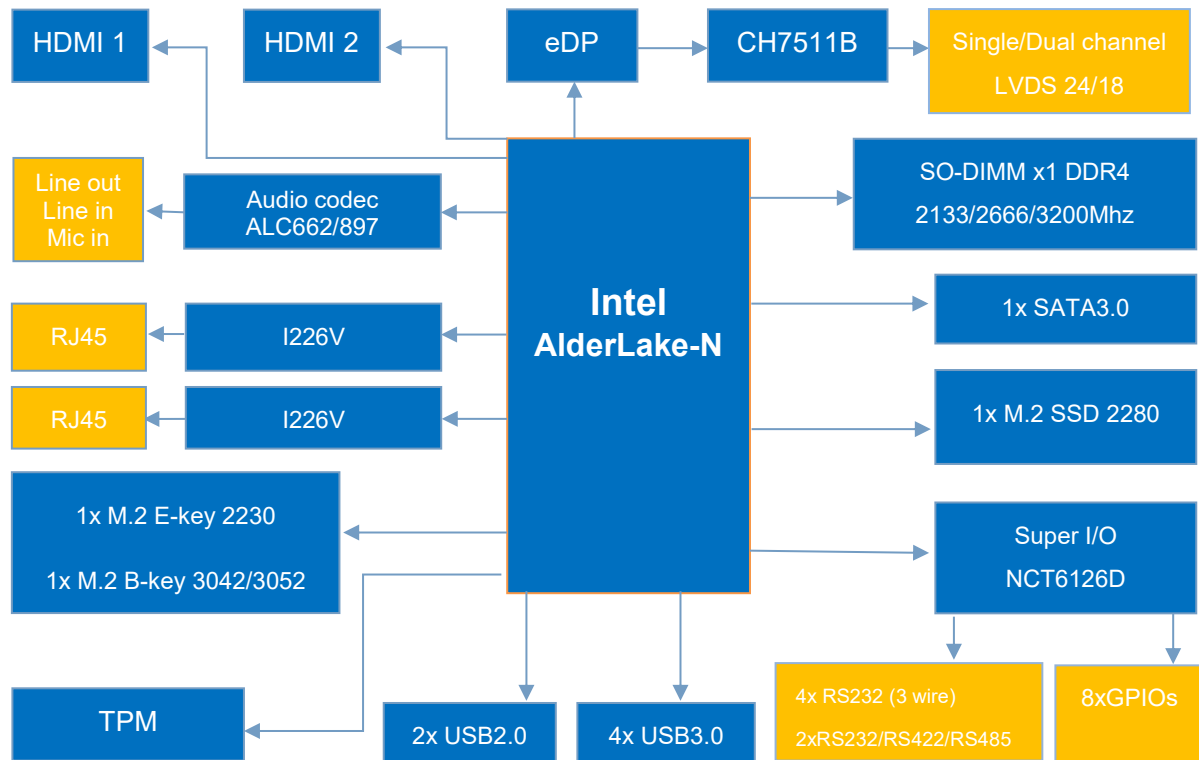
PCM-ADN352



3.5-inch motherboard, onboard Alder Lake –N series processor

- » Intel Alder Lake –N series processors
- » Supports up to 32GB DDR4 S0-DIMM memory, frequency 2133/2666/3200MHz
- » Integrated Intel 12th generation Xe LP graphics core
- » Support HDMI, LVDS (18/24-bit single or dual channel) or EDP
- » Support dual 2.5G Ethernet, SATA, NVME SSD
- » Support USB2.0 and USB3.0 , serial port, GPIO interface, TPM
- » Input voltage: +9V~+36V , + 12V is recommended
- » Operating temperature: -20 ° C ~ + 60 ° C (optional -40° C ~ + 70 ° C)

PCM- ADN 35 2 Block Diagram



Technical Information	
Plate type	3.5 inch motherboard
processor	Supports Intel Alder Lake-N series, including: Intel N95, 4C4T, up to 3.4 GHz , 16 EU iGPU TDP:15W Intel N97, 4C4T, up to 3.6 GHz , 24 EU iGPU TDP:12W Intel N100, 4C4T, up to 3.4 GHz , 24 EU iGPU , TDP: 6W Intel N200, 4C4T, up to 3.7 GHz , 32EU iGPU , TDP:6W Intel Core i3 N300, 8C8T, up to 3.8 GHz , 32EU iGPU , TDP:7W Intel Core i3 N305, 8C8T, up to 3.8 GHz , 32EU iGPU , TDP:15W
Memory	Supports 1 SO-DIMM DDR4 memory, maximum 32G, frequency 2133/2666/3200MH z
Graphics Processing	Supports 2 HDMI with a maximum resolution of 3840x2160 @ 60 Hz ; Supports 1 18/24- bit single-channel or dual-channel LVDS/EDP, with a maximum resolution of 1920x1080 @60Hz
Network Card	Supports 2 x 10/100/1000/2500 Mbit Ethernet (I226V)
storage	Supports 1 SATA 3.0 interface, 1 M.2 SSD (M-Key 2280 SSD Nvme/NGFF)
mPCIe	Support 1 M.2 WIFI (E-Key 2230 PCIe x1) Supports 1 M.2 4G/5G (B-Key 3042 /3052 USB2.0)
USB	Support 4 USB3.0/2.0 (front), 2 USB2.0 (built-in)
Serial Port	Supports 6 RS232 (3-wire), COM1 and COM2 can be RS232/422/485
IO	Supports 8 GPIOs, 1 SIM card slot, 1 TPM socket
Sound Card	ALC662/ALC897 high-fidelity sound card (Line-in, Line-out, Mic-in)
power supply	+9V~+36V , + 12V is recommended
temperature	Operating temperature -20° C ~ + 60 ° C (optional -40° C ~ + 70 ° C)
size	146 mm x 102 mm
Heat dissipation	Fan cooling
operating system	Win10, Win11, Linux