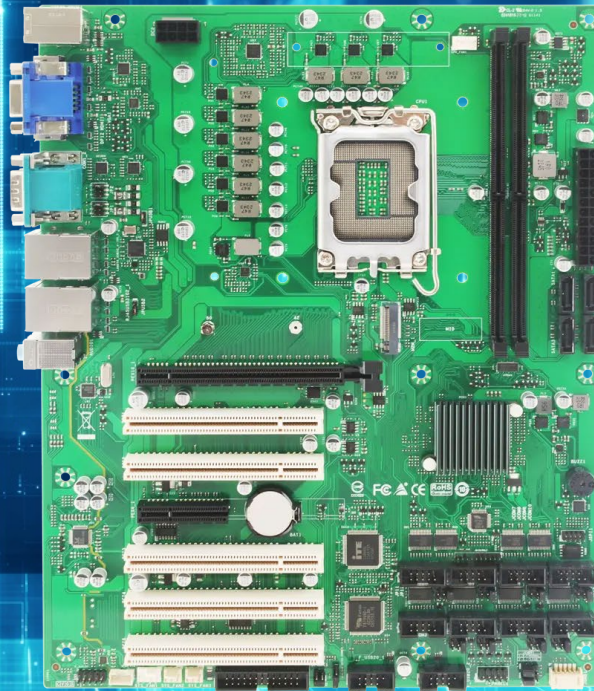


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NEIMB-61AHA

ATX Industrial Motherboard

12th/13th/14th Gen Intel® Core™ i9/i7/i5/i3 / Intel H610 Chipset

Features

- 12th/13th/14th Gen Intel Core i9/i7/i5/i3, LGA1700, TDP: 125W
- 2 x DDR5 5600 MHz U-DIMM, up to 96GB
- 4 x SATA3 / 1 x M.2 Key M 2242/2280 (PCIe3.0 x2/SATA)
- Triple Display: VGA / HDMI® / DP++
- 4 x USB3.2 Gen1 + 6 x USB2.0
- 1 x 2.5G LAN (i225-V) / 1 x 1G LAN (i219-V)
- 2 x COM (RS232/422/485) / 8 x COM (RS232) / 5 x PCI

Specifications

Processor	12th/13th/14th Gen Intel Core i9/i7/i5/i3, LGA1700, TDP: 125W
	Intel H610 chipset
Memory	2 x DDR5 5600 MHz U-DIMM, up to 96GB
GRAPHICS	Intel® Integrated Graphics, triple display: VGA 1920x1200@60Hz / HDMI® 4096x2160@60Hz / DP++ 4096x2160@60Hz
Storage	4 x SATA3 (SATA4 share I/O with M.2 M Key)
	1 x M.2 M Key 2242/2280 support PCIe3.0 x2/SATA (NVMe/SATA)
Board edge I/O interface	2 x COM Port, support RS-232/422/485
	1 x VGA connector / 1 x HDMI® connector / 1 x DP++ connector
	2 x RJ45 connector (1 x i225-V 2.5G / 1 x i219-V 1G)
	ALC897 + ALC105, 4Ω 2W amplifier / 3 x Audio jacks
	4 x USB3.2 Gen1 Type A (rear) / 2 x USB2.0 Type A (rear) / 4 x USB2.0 (header)
Extended interface/function	1 x PCIe4.0 x16 slot
	1 x PCIe3.0 x4 slot / 5 x PCI slot
Power supply	1 x 24-pin ATX power connector + 1 x 8-pin EPS12V CPU power connector
Working environment	Working temperature: 0°C ~ +60°C; Humidity: 5% ~ 90%
	Storage temperature: -40°C ~ +85°C; Storage humidity: 0% ~ 90% relative humidity, no condensation
Operating system	Windows 10/11 IoT Enterprise, Ubuntu 22.04
Size	305 x 244 x 1.5 (mm) / ATX form factor
Weight	N/A

Dimension

305 x 244 x 1.5 (mm) / ATX