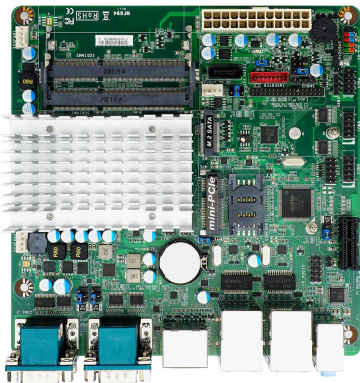


ITX-i240B

Intel® Apollo Lake Processor Embedded Mini-ITX Motherboard



System

CPU	Soldered onboard Intel Pentium® N4200 2.5GHz/ Celeron® N3350 2.4GHz processor
Memory	Soldered onboard Intel® Atom™ Processor x7-E3950 1.6GHz/ x5-E3930 1.3GHz
Memory	2 x 204-pin DDR3L SO-DIMM sockets, supporting 1866 MHz SDRAM up to 8GB
BIOS	AMI UEFI BIOS

I/O

Super IO Chipset	NUVOTON NCT6116D
Serial Port	5 x RS-232 1 x RS-232/422/485
USB Port	4 x USB 3.0/2.0 ports 3 x USB 2.0 ports
Digital I/O	8-bit Programmable
Keyboard & Mouse	1 x PS/2 port by Y-cable for keyboard and mouse header
Expansion Bus	1 x PCIe x1 slot 1 x SIM card holder
Storage	1 x Serial ATA ports with 600MB/s HDD transfer rate 1 x NGFF (M.2) M-key socket for SSD
Ethernet Chipset	2 x Realtek® RTL8111 PCIe GbE controllers
Audio Interface	Realtek® ALC662 5.1 Channel HD Audio CODEC, Mic-in/ Line-in/ Line-out

Display

Graphic Chipset	Integrated Intel® HD Graphics
Graphic Interface	1 x HDMI port 1 x DisplayPort Dual Channels 24-bit LVDS

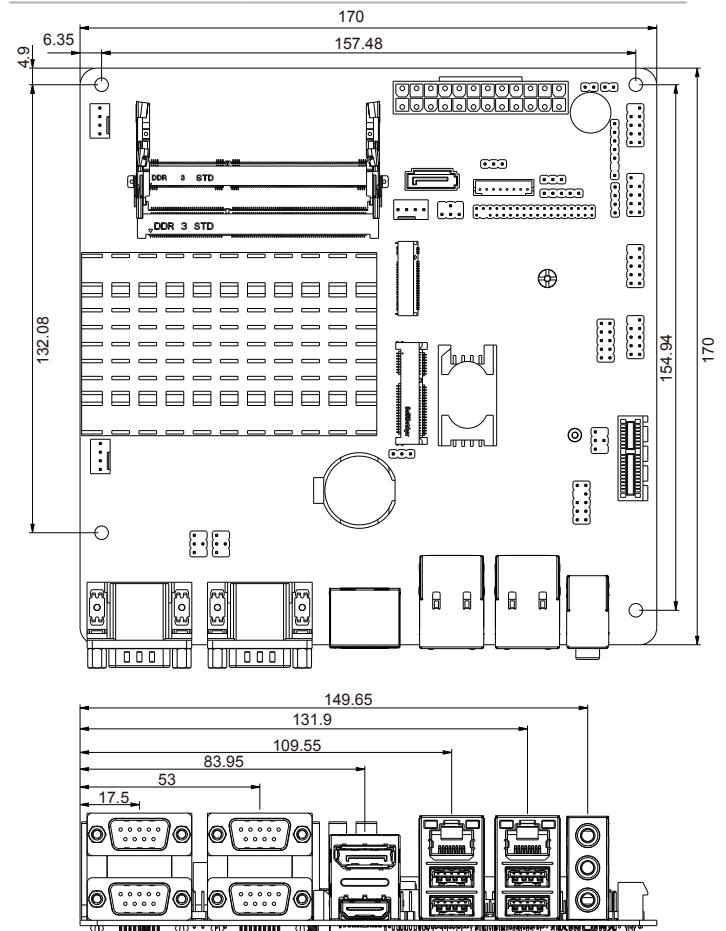
Features

- Soldered onboard Intel® Apollo Lake processor
- Integrated dual Gigabit Ethernet
- 1 x PCIe x 1, 1 x Mini-card, 1 x M.2 for SSD
- 6 x serial ports support
- DisplayPort, HDMI and LVDS support

Mechanical & Environmental

Power Requirement	24-pin ATX power connector
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	10 ~ 90% @ 60°C (non-condensing)
Dimension (L x W)	170 x 170 mm (6.7" x 6.7")

Dimensions



Unit: mm