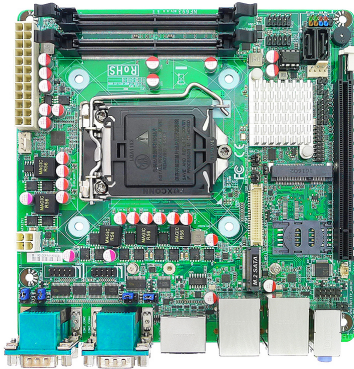


ITX-i89Q3

7th/6th Generation Intel® Core™ Processor Embedded Mini-ITX Motherboard



System

CPU	Support Intel® 7 th /6 th Generation Core™ i7/i5/i3 and Pentium® processors in LGA1151 socket
Chipset	Intel® PCH H110
Memory	2 x 260-pin DDR4 SO-DIMM sockets, supporting 2133 MHz SDRAM up to 32GB
BIOS	AMI UEFI BIOS

I/O

Super IO Chipset	Fintek F81803U
Serial Port	4 x RS-232 2 x RS-232/422/485
USB Port	4 x USB 3.0/2.0 ports 4 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 x16 Gen 2.0 slot 1 x Mini-card socket (Full Size) 1 x SIM card holder
Storage	2 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 eDP port 1 x HDMI port 1 x DisplayPort

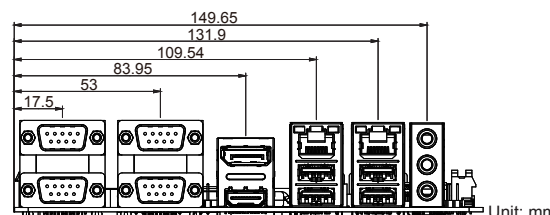
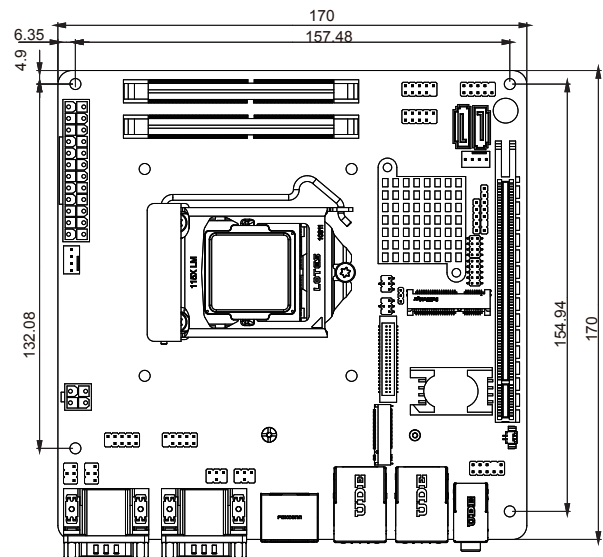
Features

- Supports Intel® LGA1151 7th/6th Gen. Core processors
- Integrated dual Gigabit Ethernet
- 1 x PCIe x16, 1 x Mini-card, 1 x M.2 for SSD
- DisplayPort, HDMI and eDP support
- Up to 32GB maximum DDR4 2133 non-ECC DIMM

Mechanical & Environmental

Power Requirement	24-pin + 4-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