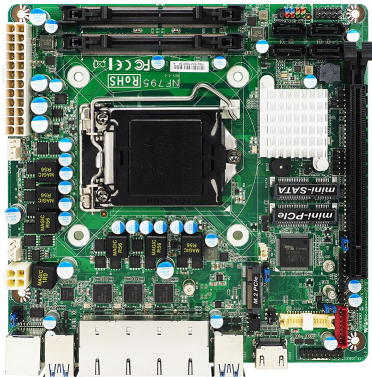


ITX-i89QA

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 Q170
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 F81768
Serial Port	1 x Serial ports (RJ45 type)
USB Port	6 x USB 3.0/2.0 ports 2 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 3.0 slot
	1 x Mini-card socket (Half Size)
	1 x NGFF (M.2) E-key socket for Wireless
Storage	1 x SIM card holder
	4 x Serial ATA ports with 600MB/s HDD transfer rate RAID 0, 1, 5, 10 supported 1 x mSATA socket(Full Size)
Ethernet Chipset	3 x Intel® i211AT PCIe GbE controller
	1 x Intel® i219LM PCIe GbE PHY

Display

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

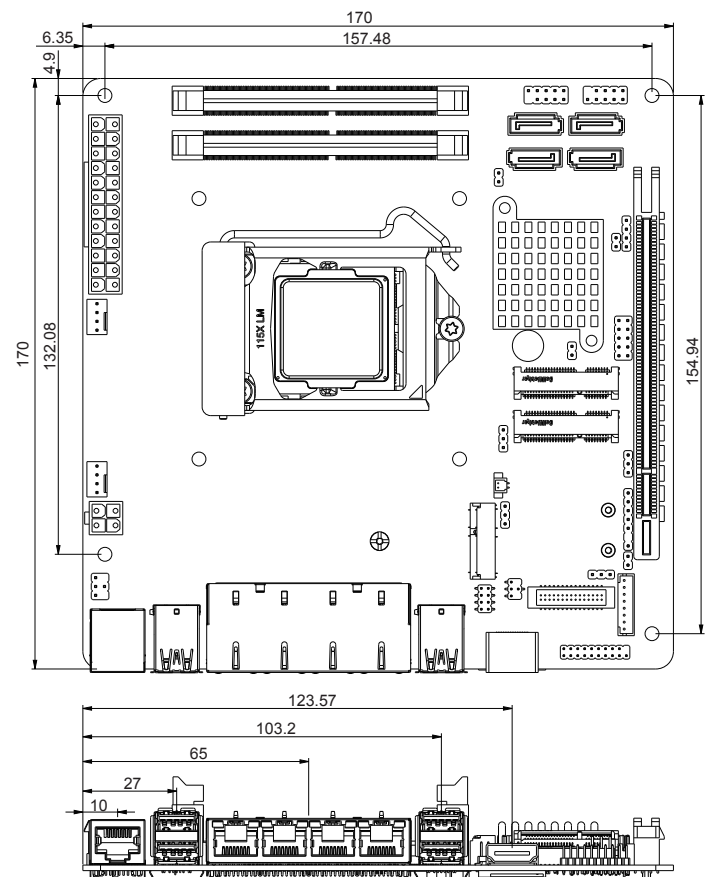
Features

- Supports Intel® LGA1151 7th/6th Gen. Core Processors
- 4 x Intel Gigabit LAN
- 1 x PCIe x16, 1 x Mini-card, 1 x mSATA socket, 1 x M.2 E-key
- HDMI and LVDS 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