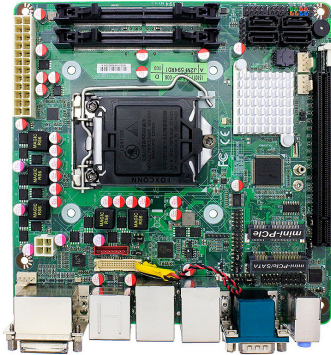


ITX-i89QB

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 F81866 |
| Serial Port | 2 x RS-232 2 x RS-232/422/485 |
| 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) |
| Storage | 4 x Serial ATA ports with 600MB/s HDD transfer rate RAID 0, 1, 5, 10 supported 1 x mSATA socket(Full Size,shared with mini-PCIe) |
| Ethernet Chipset | 1 x Intel® i211AT PCIe GbE controller 1 x Intel® i219LM PCIe GbE PHY |
| 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 DVI-D port 1 x HDMI port 1 x DisplayPort Dual Channels 24-bit LVDS |

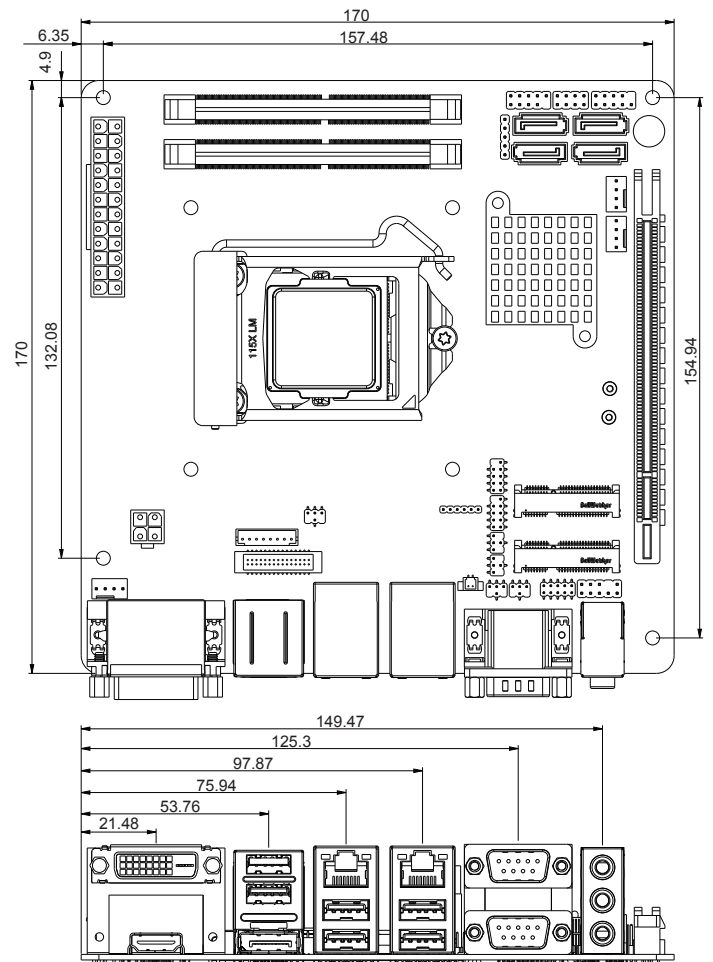
Features

- Supports Intel® LGA1151 7th/6th Gen. Core processors
- Integrated dual Gigabit Ethernet
- 1 x PCIe x16, 1 x Mini-card, 1 x mSATA socket
- DVI-D, HDMI, DisplayPort 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