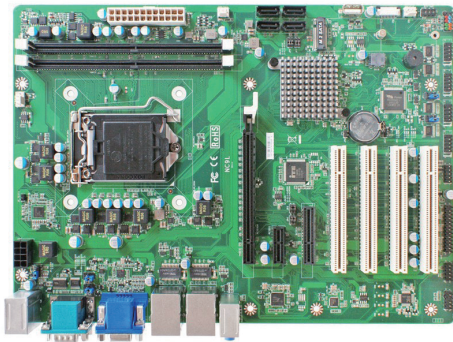




MB-i89Q8 R2.0

7th/6th Generation Intel® Core™ Processor Embedded ATX motherboard



Features

- Supports Intel® LGA1151 7th/6th Gen. Core Processors
- Integrated Dual Gigabit Ethernets
- 1 x PCIe16, 1 x PCIe4 or 1 x PCIe1, 4 x PCI
- VGA and HDMI Port supported
- Up to 32GB maximum DDR4 2133 non-ECC DIMM

System

CPU	Intel® 7 th /6 th Generation Core™ i7/i5/i3 and Pentium® / Celeron® processors in LGA1151 socket
Chipset	Intel® PCH H110
Memory	2 x 288-pin DDR4 Long-DIMM sockets, supporting 2133/1866MHz SDRAM up to 32GB
BIOS	AMI UEFI BIOS

I/O

Super IO Chipset	Fintek F71808E
Serial Port	4 x RS-232 2 x RS-232/422/485
USB Port	8 x USB 3.0/2.0 ports 5 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
TPM	1 x TPM header
Parallel port	1 x Parallel port header
Expansion Bus	1 x PCIe16 slot (default) or
	1 x PCIe1 slot (OEM request)
	4 x PCI slots
	1 x SIM card holder
Storage	3 x Serial ATA ports with 600MB/s HDD transfer rate
	1 x NGFF (M.2) M-key socket for SSD
Ethernet Chipset	1 x i219-LM GbE LAN PHY
	1 x i211-AT GbE LAN
Audio Interface	Realtek® ALC662 5.1 Channel HD Audio CODEC, Mic-in/ Line-in/ Line-out

Display

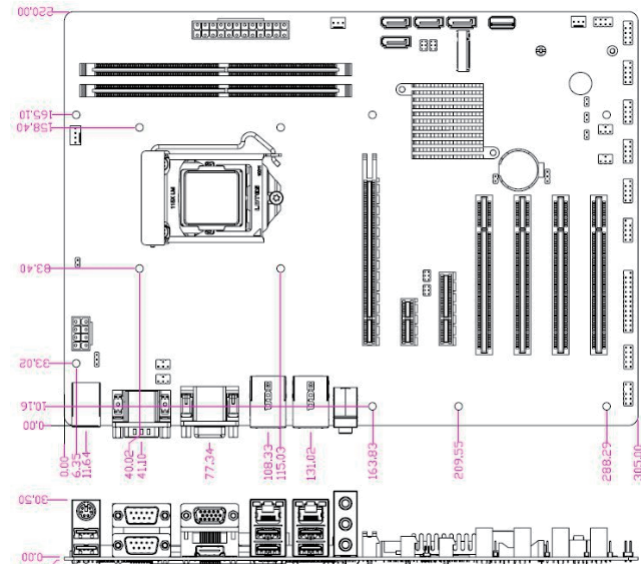
Graphic Chipset	Integrated Intel® HD Graphics
Graphic Interface	1 x VGA port
	1 x HDMI port

Note:
PCIex4, PCIe16 slots can't work simultaneously, two choice one.

Mechanical & Environmental

Power Requirement	24-pin + 8-pin ATX power connector
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	10 ~ 90% @ 60°C (non-condensing)
Dimension (L x W)	305 x 220 mm (12" x 8.66")

Dimensions



Unit:mm

Ordering Information

MB-i89Q8 R2.0 MicroATX, Intel H110 platform