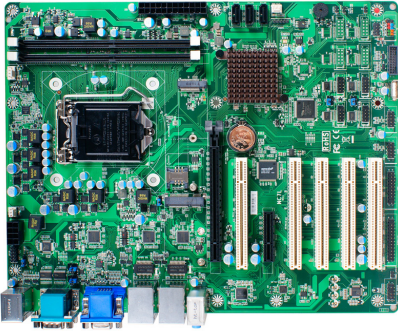


MB-i89Q8

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



Features

- Supports Intel® LGA1151 7th/6th Gen. Core processors
- Integrated dual Gigabit Ethernet
- 1 x PCIe x16, 1 x PCIe x4, 5 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 PCIe x 16 slot 1 x PCIe x 4 slot
	5 x PCI slot 1 x Mini-card socket (Full Size) 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

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 244 mm (12" x 9.6")

Dimensions

