

MI215Q6700 Series

Intel Q670E Chipset support LGA 1700 socket for the Intel® 14th/13th/12th Gen i9/i7/i5/i3 processor, support DDR5 up to 96GB, Support Max. 65W TDPs under 180A

Features

1. Intel® 14th/13th/12th LGA1700 Socket Processor
(Max. 65W TDPs under 180A)
2. 2* DDR5 4800MHz SO-DIMM up to 96GB
3. 2* 10/100/1000/2500 Base-T Ethernet Ports
4. 2* M.2 M-key Sockets support NVMe,
1* M.2 E-key Socket supports CNVi,
1* M.2 B-key Socket supports 4G/5G module
Single PCI Express x16(Gen.4) support Max. 70W
5. 2* HDMI and 2* DP, 1* LVDS/eDP support Quad displays
6. 2* RS232/422/485, 4* RS232, 4* USB3.2(Gen.2),
2* USB3.2 (Gen.1), 4* USB2.0
7. Two SATAIII ports up to 6Gb/s support RAID 0/1
8. Support JetBIOS SW back up tool
9. Support onboard TPM2.0 option (Only MI215Q6702 Series)
10. Support wide voltage 12V~36V DC-in

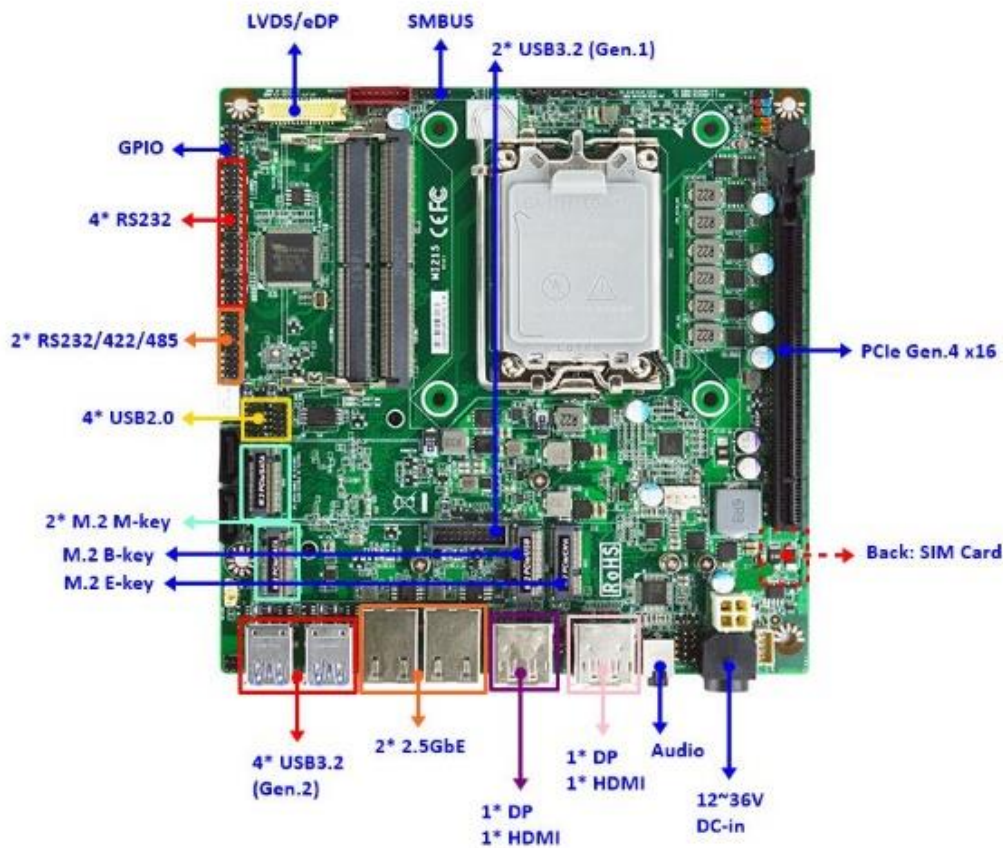


intel. FC CE RoHS COMPLIANT

Application

Automation / Digital Signage / KIOSK / Intelligent Home / IOT Solution

I/O Diagram



Specifications

Model	<ul style="list-style-type: none"> MI215Q6700 MI215Q6702 (TPM2.0)
Form Factor	<ul style="list-style-type: none"> Slim Mini ITX (170 * 170mm)
Processor System	<ul style="list-style-type: none"> Intel® 14th/ 13th/12th Gen LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor Max. 65W TDPs under 180A AMI Flash ROM BIOS
Memory	<ul style="list-style-type: none"> 2* DDR5 4800MHz Dual Channel SO-DIMM up to 96GB <p>*Actual memory frequency depends on the CPU types and DRAM modules, for more information refer to Product Test Report.</p>
Storage	<ul style="list-style-type: none"> 2* SATAIII (6 Gb/s) support RAID 0/1 1* M.2 M-key (2242, SATA/PCIe Gen.4 x4 interface) support NVMe 1* M.2 M-key (2280, SATA/PCIe Gen.3 x4 interface) support NVMe
Expansion	<ul style="list-style-type: none"> 1* M.2 E-key (2230, PCIe x1/USB2.0 interface) support CNVi for Wi-Fi 1* M.2 B-key (3042/3052, USB3.1/USB2.0/PCIe x1 interface) support 4G/5G module 1* PCIe (Gen.4) x16 support PCIe card up to Max. 70W
Ethernet	<ul style="list-style-type: none"> 1* Intel i225-V 2.5GbE 1* Intel i225-LM 2.5GbE
Graphics	<ul style="list-style-type: none"> Intel® UHD Graphics, shared memory 2* DP1.4a (Max Resolution: 4096x2304@60Hz) 2* HDMI 2.0b (Max Resolution: 4096x2160@60Hz) 1* LVDS/eDP (Max. Resolution: 1920x1200@60Hz) <p>Support Quad Displays</p>
Audio	<ul style="list-style-type: none"> HD audio: Realtek ALC888S (with 3W Amp.)
Watchdog Timer	<ul style="list-style-type: none"> From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Internal I/O	<ul style="list-style-type: none"> 2* USB3.2 (Gen.1) 4* USB 2.0 2* RS232/422/485 4* RS232 2* SATAIII 1* LVDS (co-lay eDP) 1* Chassis intrusion 1* Audio Header 1* SIM card slot 1* GPIO 1* SMBUS 1* AT mode
External I/O	<ul style="list-style-type: none"> 4* USB3.2 (Gen.2) 2* 2.5GbE 2* HDMI 2.0b 2* DP1.4a 1* Audio jack (Line-out/MIC combo) 1* 12V~36V DC-in jack
Power	<p>12V~36V DC-in, AT/ATX Supported</p> <ul style="list-style-type: none"> - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	CE, FCC, LVD, RoHS, REACH
Temperature	<ul style="list-style-type: none"> Operating Temperature: 0 ~ 60° C Storage Temperature: -20 ~ 85° C Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	<ul style="list-style-type: none"> Linux Windows 10 Windows 11
Warranty	<ul style="list-style-type: none"> 2 Years limited warranty

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

Part Number	Description
MI215Q6700 Series	MI215Q6700 Series M/B
F04-MB-098-F	I/O Shield
G01-COM-H2M22-1F	2* COM Cable
G01-SATA3-BL-1F	1* SATAIII cable
G01-PW4PS-2S-323F	1* SATA Power cable

Mechanical Drawings (Unit=mm)

