



**Industrial Mini-ITX motherboard with LGA1700 Socket 12th Gen Intel® Core™ Processor, Intel® Q670E, (2) HDMI, DisplayPort++, eDP, (2) GbE LAN, and HD Audio**

## Features

- Support Intel® 12<sup>th</sup> Gen. Core Processors
- Dual Gigabit Ethernet supported
- (2) SATA3, (1) M.2 Key M, (1) M.2 Key E
- DC 12V~24V input
- HDMI/DisplayPort multiple outputs

## CPU

- LGA1700 12th gen Intel® Core™ i9/i7/i5/i3, Intel® Pentium® processors Gold/Celeron® processors (up to 65W)

## Chipset

- Intel Q670E

## System Memory

- (2) 260-pin SO-DIMM dual channel DDR4 3200, Max up 64 GB

## Storage

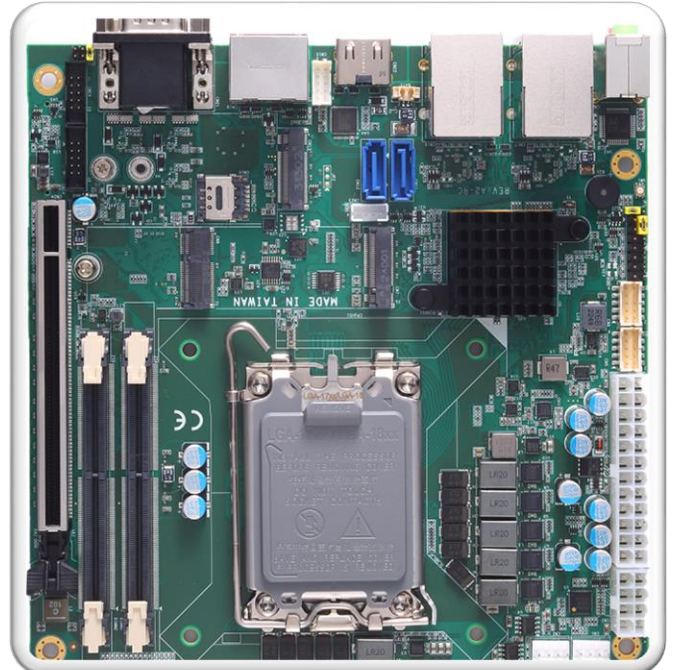
- (2) SATA3
- (1) M.2 Key M 2280 (supports NVMe)

## Display Interface

- Intel® UHD Graphics 700 series engine
- (2) HDMI & (1) Displayport++
- (1) eDP

## Audio

- HD Audio as Mic-in/Line-out with Realtek ALC888S



## TPM

- Infineon SLB9670 T2.0 with TPM 2.0 compliant

## Ethernet

- (2) 10/100/1000/2500 Mbps Ethernet with Intel® I226-LM and with Wake-on-LAN and PXE Boot ROM supported

## I/O Interface

- (4) RS232 RS232/422/485 serial ports
- (4) USB 3.2 and (4) USB 2.0 ports
- (1) 8-bit digital I/O interface

## Onboard Expansion

- (1) PCIe x16
- (1) M.2 Key E 2230
- (1) M.2 Key B 3052/3042

## Power Requirement

- Standard ATX connector



## Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95%

## Dimension

- 170mm x 170mm

## Ordering Information

**MBC-6525A2GNL** Mini-ITX with LGA1700 12th gen Intel® Core™ processor, HDMI, , DP++, USB 3.2, M.2, dual GbE LAN, HD audio

