



**Industrial Mini-ITX Motherboard supports LGA1151 Intel® Core™ i7/ i5/ i3 Intel® H310/Q370 PCH, USB 3.0, SATA 3.0, Dual LAN, DisplayPort/ HDMI/LVDS and PCIe Mini Card**

## Features

- Supports Intel 8<sup>th</sup>/9<sup>th</sup> Gen. Core Processors
- Dual Gigabit Ethernet supported
- (3) SATA-600 & (1) mSATA
- Watchdog & Hardware Monitor function
- HDMI/Display Port/LVDS multiple outputs

## CPU

- LGA1151 socket 8<sup>th</sup>/9<sup>th</sup> generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor
- Supports up to 65W TDP processors

## Chipset

- Intel® H310/Q370 PCH

## System Memory

- (2) 260-pin SO-DIMM dual channel DDR4-2400/2666, max. up 32 GB

## Display Interface

- Intel® integrated Gfx graphic engine
- (1) HDMI and (2) DisplayPort++
- (1) LVDS, 18/24-bit single/dual channel

## Ethernet

- (2) Gigabit LAN with Intel® i219LM and i211AT
- Supports Wake-on-LAN, PXE Boot ROM

## Audio

- Built-in HD Audio Codec with Realtek ALC662



## I/O Interface

- (3) RS232 & (1) RS232/422/485 serial ports
- (4) USB 3.0 and (2) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (3) SATA-600 & (1) mSATA
- (1) M.2 Key E 22 x 30

## Onboard Expansion

- (1) PCIe x16 Gen3
- (1) PCI Express mini card with SIM slot

## Environment Spec

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

## Dimension

- 170mm x 170mm

## Ordering Information

<b>MBC-6518A2GPL</b>	LGA1151 Socket 8 <sup>th</sup> /9 <sup>th</sup> Generation Intel® Core™ processors, Intel® H310 PCH, USB 3.0, SATA 3.0, Dual LAN, DP/HDMI, mSATA
<b>MBC-6518A2GPLR-Q370</b>	Intel Q370 with SATA RAID