



**Industrial ATX Industrial  
Motherboard with LGA1151  
Socket 8th Gen Intel® Core™  
Processor, Intel® H310, DDR4, USB  
3.1, SATA, Dual LANs,  
VGA/DisplayPort/HDMI**



## Features

- Supports Intel 8<sup>th</sup> Gen. Core i3/i5/i7 Processors
- Dual Gigabit Ethernet supported
- (4) SATA-600
- Watchdog & Hardware Monitor function
- HDMI/Display Port/VGA multiple outputs

## CPU

- LGA1151 socket 8th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor

## Chipset

- Intel® H310 PCH

## System Memory

- (2) 288-pin Long-DIMM dual channel DDR4-2666/2400, max. up 32 GB

## Display Interface

- Intel® HD Graphics
- (1) HDMI, (1) VGA, (1) DVI-D and (1) DisplayPort

## Ethernet

- (2) Gigabit LAN with Intel® i219LM and i211-AT
- supports Wake-on-LAN, PXE Boot ROM

## Audio

- Built-in HD Audio Codec with Realtek ALC662

## I/O Interface

- (4) RS232 & (2) RS232/422/485 serial ports
- (4) USB 3.1 Gen. 1 ports
- (5) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (4) SATA-600
- (1) SMBus

## Onboard Expansion

- (1) PCIe x16 Gen3
- (2) PCIe x4 slots (2 PCIe x1 signal)
- (4) PCI slots

## Environment Spec

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

## Dimension

- 305mm x 244mm

## Ordering Information

**MBC-6519A2GHP** LGA1151 Socket 8th Generation  
Intel® Core™ i7/ i5/ i3 processors,  
Intel® H310 PCH, USB 3.1, SATA 3.0,  
Dual LAN, DP/ VGA/ HDMI/DVI-D