



**ATX Industrial Motherboard with LGA1151 Socket 6<sup>th</sup>/7<sup>th</sup> Gen. Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor, Intel® Q170, DDR4, USB 3.0, SATA 3.0, Dual LANs, VGA/DP/HDMI and mSATA**



## Features

- Supports Intel 6<sup>th</sup>/7<sup>th</sup> Gen. Core i3/i5/i7 CPU
- Dual Gigabit Ethernet supported
- (5) SATA-600 with RAID 0, 1, 5, 10
- Watchdog & Hardware Monitor function
- HDMI/Display Port/VGA multiple outputs

## CPU

- LGA1151 socket supports 6<sup>th</sup>/7<sup>th</sup> Gen. Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor

## Chipset

- Intel® Q170 PCH

## System Memory

- (4) 288-pin DIMM DDR4-2133 up to 64 GB

## Display Interface

- Intel® HD Graphics 530/510
- (1) HDMI, (1) VGA and (1) DisplayPort

## Ethernet

- LAN1 with 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM, iAMT with Intel® i219LM
- LAN2 with 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i210

## Audio

- Built-in HD Audio Codec with Realtek ALC662

## I/O Interface

- (4) RS232 & (2) RS232/422/485 serial ports
- (4) USB 3.0 and (8) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (5) SATA-600 support RAID 0/1/5/10
- (1) mSATA socket
- (1) SMBus

## Onboard Expansion

- (1) PCIe x16
- (2) PCIe x4
- (4) PCI slots
- (1) PCIe Mini Card
- (1) SIM socket

## Environment Spec

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

## Dimension

- 305mm x 244mm

## Ordering Information

**MBC-6513A2GPR** LGA1151 Socket 6<sup>th</sup>/7<sup>th</sup> Gen. Intel® Core™ i7/ i5/ i3 processors, Intel® Q170 PCH, USB 3.0, SATA 3.0, Dual LAN, DP/ VGA/ HDMI