



**Industrial Mini-ITX Motherboard supports LGA1151 Intel® Core™ i7/ i5/ i3 Intel® H110/Q170 PCH, USB 3.0, SATA 3.0, Dual LAN, DisplayPort/VGA/HDMI and PCIe Mini Card**



## Features

- Supports Intel 6<sup>th</sup> Gen. Core i3/i5/i7 Processors
- Dual Gigabit Ethernet supported
- (3) SATA-600 & (1) mSATA
- Watchdog & Hardware Monitor function
- HDMI/Display Port/VGA/LVDS multiple outputs

## CPU

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

## Chipset

- Intel® H110/Q170 PCH

## System Memory

- (2) 288-pin Long-DIMM dual channel DDR4-2133, max. up 32 GB

## Display Interface

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

## Ethernet

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

## Audio

- Built-in HD Audio Codec

## I/O Interface

- (5) RS232 & (1) RS232/422/485 serial ports
- (4) USB 3.0 and (4) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (3) SATA-600 & (1) mSATA (RAID for Q170)
- (1) SIM slot

## Onboard Expansion

- (1) PCIe x16 Gen3
- (1) PCI Express mini card

## Environment Spec

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

## Dimension

- 170mm x 170mm

## Ordering Information

<b>MBC-6514A2GPL</b>	LGA1151 Socket 6 <sup>th</sup> Generation Intel® Core™ i7/ i5/ i3 processors, Intel® H110 PCH, USB 3.0, SATA 3.0, Dual LAN, DP/ VGA/ HDMI, mSATA
<b>MBC-6514A2GPLR-Q170</b>	Intel Q170 with SATA RAID