



**Industrial Micro-ATX Motherboard supports LGA1151 Intel® Xeon & Core™ i7/ i5/ i3, Intel® Q170/C236 PCH, USB 3.0, SATA 3.0 with RAID,(4) LAN, VGA/DVI/DP, Audio**



## Features

- Supports Intel Xeon E3 V6 & 7<sup>th</sup> Gen. Core CPU
- (4) Gigabit Ethernet supported
- (5) SATA 3.0 with RAID 0/1/5/10
- Watchdog & Hardware Monitor function
- VGA and DVI-I and DisplayPort

## CPU

- LGA1151 socket supports Intel® Xeon E3 V6 and 7<sup>th</sup> Gen Core™ i7/i5/i3, Pentium® & Celeron® processors

## Chipset

- Intel® Q170 PCH or C236 PCH

## System Memory

- (4) 288-pin DIMM dual channel DDR4 2133/2400 max. up 64 GB, (ECC for C236 with Xeon)

## Display Interface

- Intel® HD Graphics
- (1) VGA, (1) DVI-I outputs and (1) DisplayPort
- DisplayPort Supports up to 4096 x 2304 @60Hz Resolution

## Ethernet

- (4) Gigabit LAN with Intel® I211AT and i219LM
- Supports Wake-on-LAN, PXE Boot ROM

## Audio

- Built-in HD Audio Codec with Realtek ALC888S

## I/O Interface

- (4) RS232 & (1) RS232/422/485 serial ports
- (6) USB 3.0 and (6) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (5) SATA 3.0 with RAID 0/1/5/10
- (1) LPC & (1) SMBus

## Onboard Expansion

- (2) PCIe x16 Gen3
- (2) PCIe x4 Gen3

## Environment Spec

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

## Dimension

- 244mm x 244mm

## Ordering Information

<b>MBC-6606A4GDPR-Q</b>	LGA1151 Socket 7th Generation Intel® Core™ i7/ i5/ i3 processors, Intel® Q170 PCH, USB 3.0, SATA 3.0, (4) LAN, VGA/DVI-I/DP++, Audio
<b>MBC-6606A4GDPR-C</b>	LGA1151 Socket 7th Generation Intel® Xeon E3 V6 processors, Intel® C236 PCH