



**Industrial ATX Motherboard supports LGA1150 Intel® Core™ i7/ i5/ i3 Intel® Q87 PCH, USB 3.0, SATA 3.0, Dual LAN, DisplayPort/VGA/HDMI and PCIe Mini Card**



## Features

- LGA1150 socket supports Intel® Core™ i7/ i5/ i3 processors
- (4) DDR3 1333/1600 MHz up to 32GB
- DisplayPort/VGA/HDMI multi-outputs

## CPU

- LGA1150 socket supports Intel® Core™ i7/ i5/ i3 processors

## Chipset

- Intel® Q87 PCH

## System Memory

- (4) 240-pin DDR3 1333/1600 DIMM up to 32GB

## Display Interface

- Intel® HD 4600/2500 Graphics
- (1) HDMI, (1) VGA and (1) DisplayPort

## Audio

- Built-in HD Audio Codec

## Ethernet

- 1st Gigabit LAN supports Wake-on-LAN, PXE Boot ROM, iAMT with Intel® i210AT
- 2nd Gigabit LAN supports Wake-on-LAN, PXE Boot ROM with Intel® i217LM

## TPM

- TPM header support optional controller

## I/O Interface

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

## Onboard Expansion

- 1 x PCIe x16 Gen3
- 1 x PCIe x4 Gen2
- 1 x PCIe x1 Gen2
- 4 x PCI

## Environment Spec

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

## Dimension

- 305mm x 244mm x 1.6mm

## Ordering Information

- MBC-6510A2GPR** LGA1150 Socket 4th Generation Intel® Core™ i7/ i5/ i3 processors, Intel® Q87 PCH, USB 3.0, SATA 3.0, Dual LAN, DP/ VGA/ HDMI and mSATA