

**LGA1155 Socket Intel® Core™
i7/ i5/ i3/ Celeron® Mini ITX
SBC with Intel® Q77 PCH,
HDMI/DVI-I/LVDS, Dual
LANs and USB 3.0**



Features

- LGA1155 socket 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Ivy Bridge)
- (2) DDR3 1333/1600 MHz up to 16 GB
- PCIe x16 Gen 3 supported

CPU

- LGA1155 socket 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Ivy Bridge)

Chipset

- Intel® Q77 PCH

System Memory

- (2) 240-pin DDR3 1333/1600 DIMM max. up to 16GB

Display Interface

- Intel® HD 4000/2500 Graphics
- Supports Dual View Display
- (1) HDMI, (1) DVI-I and (1) LVDS

Audio

- HD Audio with Realtek ALC662 Codec

Ethernet

- 1st port as 10/100/1000 Mbps supports Wake-on-LAN with Intel 82579LM/V
- 2nd port as 10/100/1000 Mbps supports iAMT, Wake-on-LAN with Intel 82583V

TPM

- Infineon TPM1.2 SLB9635

I/O Interface

- (3) RS232 & (1) RS232/422/485 serial ports
- (4) USB 3.0 and (4) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (2) SATA-300; 1 x SATA-300 supports SATADOM
- (2) SATA-600 support RAID 0/1/5/10

Onboard Expansion

- 1 x PCIe x16 Gen3
- 1 x PCI Express Mini card

Environment Spec

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

Dimension

- 170mm x 170mm

Ordering Information

MBC-6508A2GLDR LGA1155 socket Mini ITX SBC with Intel® Core™ i7/ i5/ i3/ Celeron®, HDMI/DVI-I/LVDS, two Gigabit Ethernet and USB 3.0