



**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) 204-pin DDR3 1333/1600 SO-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