



**Industrial ATX Industrial
Motherboard with LGA1200
Socket 10th Gen Intel® Core™
Processors, Intel® W480E, DDR4,
USB 3.2, SATA RAID, Dual LANs,
VGA/DVI/DisplayPort/HDMI**

Features

- Supports Intel 10th Gen. Core and Xeon W CPU
- Dual Gigabit Ethernet supported
- (4) SATA-600 with RAID 0, 1, 5, 10
- Supports M.2 Key M 2280 with NVMe
- HDMI/DVI/Display Port/VGA multiple outputs

CPU

- Socket LGA1200 supports Xeon W, 10th Gen. Intel® Core™ i7/i5/i3, Pentium® or Celeron® processors (up to 125W)

Chipset

- Intel® W480E

System Memory

- (4) 288-pin Long-DIMM dual channel DDR4-2933, max. up to 128 GB
- Xeon W supports ECC RAM

Display Interface

- Intel® HD Graphics
- (1) HDMI, (1) VGA, (1) DVI-D and (1) DisplayPort

Storage

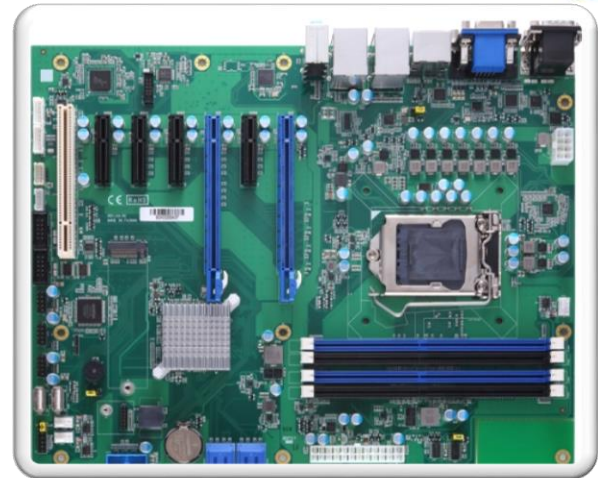
- (4) SATA-600 with RAID 0, 1, 5, 10
- (1) M.2 Key M 2280 (signal: PCIe x4/SATA)

Ethernet

- (2) Gigabit LAN with Intel® i219LM and i211-AT
- supports Wake-on-LAN, PXE Boot ROM

Audio

- Built-in HD Audio Codec with Realtek ALC888



I/O Interface

- (2) RS232 & (2) RS232/422/485 serial ports
- (2) USB 3.2 Gen2 (rear I/O)
- (4) USB 3.2 Gen1 (rear I/O, internal)
- (8) USB 2.0 ports (pin header, 180D type A)
- (1) 8-bit digital I/O interface
- (1) PS/2 keyboard (internal box header)

Onboard Expansion

- (1) PCIe x16 slot (signal: x16 or x8)
- (1) PCIe x16 slot (signal: x0 or x8)
- (3) PCIe x4 slots
- (1) PCIe x4 slot with x1 signal
- (1) PCI slot

Environment Spec

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

Dimension

- 305mm x 244mm

Ordering Information

**MBC-6522A2GHP-
W480** LGA1200 Socket 10th Gen. Intel®
Core™ processors & Xeon W, Intel®
W480E chipset