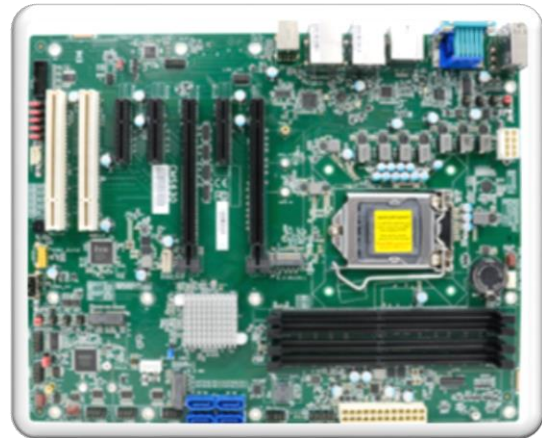




Industrial ATX Motherboard supports Intel® 10th Gen. Core™ and Xeon W series, Intel® W480E/Q470E PCH, USB 3.1, SATA 3.0 with RAID, (2) LAN, VGA/DP++/HDMI, Audio



Features

- Supports Intel 10th Gen. Core and Xeon W CPU
- (2) Gigabit Ethernet supported
- (4) SATA 3.0 with RAID 0/1/5/10
- Watchdog & Hardware Monitor function
- (1) VGA, (1) DisplayPort and (1) HDMI

CPU

- LGA1200 socket 10th generation Intel® Core™ i9/i7/i5/i3, Xeon W series, Pentium® & Celeron® processors

Chipset

- Intel® W480E/Q470E PCH

System Memory

- (4) 288-pin DIMM dual channel DDR4 2666/2933 max. up 128 GB (ECC for Xeon)

Display Interface

- Intel® HD Gen. 9 Graphics
- (1) VGA, (1) DisplayPort++ and (1) HDMI

Storage

- (4) SATA 3.0 with RAID 0,1,5,10
- (1) M.2 2242/2260/2280 M key (PCIe Gen3 x4 NVMe/SATA/Intel® Optane Memory/intel RST)
- (1) M.2 2242/2260/2280 M key (PCIe Gen3 x4 NVMe/Intel® Optane Memory/intel RST)

Ethernet

- (2) Gigabit LAN with Intel® I211AT and i219LM

Audio

- Built-in HD Audio Codec with Realtek ALC888

I/O Interface

- (4) RS232 & (2) RS232/422/485 serial ports
- (4) USB 3.2 Gen.2 and (2) USB 3.2 Gen.1 ports
- (6) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (1) LPC & (1) SMBus

Onboard Expansion

- (2) PCIe x16 (Gen 3) (1 x16 signal or 2 x8 signals)
- (2) PCIe x4 (Gen 3) & (1) PCIe x1 (Gen 3)
- (2) PCI

Environment Spec

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

Dimension

- 305mm x 244mm

Ordering Information

MBC-6619A2GPR-W480	Intel® Core™ and Xeon W, Intel® W480E PCH, USB 3.2, SATA 3.0, (2) LAN, VGA/DP/HDMI, Audio
MBC-6619A2GPR-Q470	Intel® Core™, Intel® Q470E PCH, USB 3.2, SATA 3.0, (2) LAN, VGA/DP/HDMI, Audio