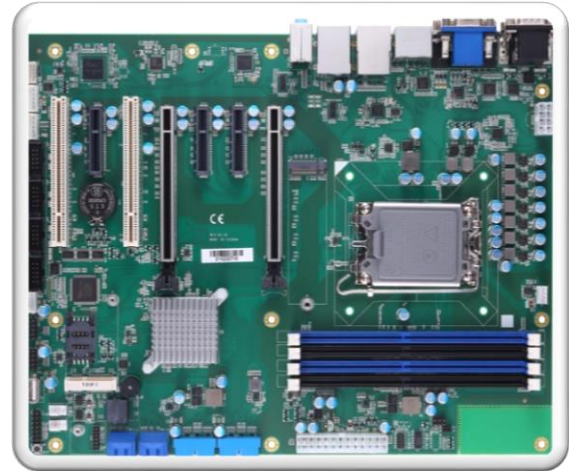


MBC-6524

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



**Industrial ATX Industrial
Motherboard with LGA1700
Socket 12/13/14th Gen Intel®
Core™ Processors, Intel® R680E,
DDR4, USB 3.2, SATA RAID, Dual
LANs, VGA/DVI/DisplayPort/HDMI**



Features

- Supports Intel 12/13/14th Gen. Core CPU
- Dual Gigabit Ethernet supported
- (4) SATA-600 with RAID 0, 1, 5, 10
- Supports M.2 Key M 2280
- HDMI/DVI/Display Port/VGA multiple outputs

CPU

- Socket LGA1700 supports 12/13/14th Gen. Intel® Core™ i9/i7/i5/i3, Pentium® or Celeron® processors (up to 125W)

Chipset

- Intel® R680E

System Memory

- (4) 288-pin Long-DIMM dual channel DDR4-3200, max. up to 128 GB
- Supports ECC/Non-ECC un-buffered

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 M Key 2280 supports PCIe x4 via CPU

Ethernet

- (2) Gigabit LAN with Intel® i255-LM and i211-AT
- supports Wake-on-LAN, PXE Boot ROM

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.2x1
- (2) USB 3.2 Gen.1x1
- (5) USB 2.0 ports (pin header, 180D type A)
- (1) 8-bit digital I/O interface
- (1) PS/2 keyboard (internal box header)
- Optional TPM 2.0 module

Onboard Expansion

- (2) PCIe Gen4 x16 slot ((1) x16 or (2) x8)
- (2) PCIe x4 slot open ended ((1) Gen3 & (2) Gen4)
- (1) PCIe Mini Card slot
- (2) 32-bit PCI slot, default clock is 33 Mhz

Environment Spec

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

Dimension

- 305mm x 244mm

Ordering Information

MBC-6524A2GHP- LGA1700 Socket 12/13/14th Gen.
R680 Intel® Core™ processors, Intel®
R680E chipset