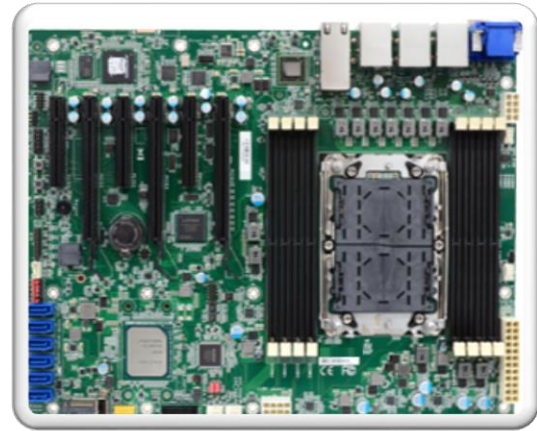


MBC-7601

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



**Industrial ATX Industrial
Motherboard with LGA4189
Socket Intel® Xeon® Scalable
Processor, Intel® C621A, 3 PCIe
x16, 3 PCIe x8, VGA, NVMe**



Features

- Supports Intel® Xeon® Scalable processor
- Dual Gigabit and 10Gbps Ethernet controllers
- IMPI Interface with BMC AST2500
- Watchdog & Hardware Monitor function
- M.2 key M 2280 with PCIe x4 signal

CPU

- Socket LGA4189 supports Intel® Xeon® Scalable processor (Ice Lake-SP) (TDP up to 270W)

System Memory

- (8) 288-pin DDR4-3200 ECC RDIMM, up to 512GB

Chipset

- Intel® C621A

Display Interface

- AST2500 with (1) VGA

Storage

- (6) SATA-600 with RAID 0, 1, 5, 10
- (1) M.2 key M 2280 with PCIe x4 signal

Ethernet

- (2) Gigabit LAN with Intel® i210-AT
- (2) 10Gbps LAN with Intel X550-AT2
- IPMI with Realtek RTL8211F

Audio

- HD audio with Realtek ALC888S

I/O Interface

- (2) RS232 serial ports
- (6) USB 3.1 Gen1
- (4) USB 2.0 ports
- (1) USB 2.0 (180D TypeA)
- (1) 8-channel programmable Digital I/O
- (1) SMBus
- (1) LPC

Onboard Expansion

- (3) PCIe x16 Gen4 slot (#1/#3/#5)
- (3) PCIe x8 Gen4 slot (#2/#4/#6)
- PCIe#1#2 can be auto detected as (x16/0) or (x8/x8)

Environment Spec

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

Dimension

- 305mm x 244mm

Ordering Information

MBC-7601A2GVR	ATX motherboard with LGA4189 socket Intel® Xeon® Scalable processor, Intel® C621A, 3 PCIe x16, 3 PCIe x8, IMPI, VGA, and NVMe
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