

# WSA-68W3-4U

High-Performance Intel 12<sup>th</sup>/13<sup>th</sup> 14<sup>th</sup> Gen 4U Rackmount Industrial PC System

Embedded BOX-PC

4U SETUP PC

3U SETUP PC

2U SETUP PC

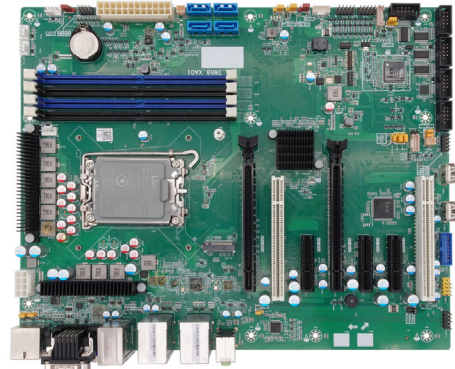
Wall Mount IPC

Panel PC

Touch Monitor

## Features

- Hyper high performance 4U Rackmount Industrial PC
- Based on Intel W680 PCH ATX Motherboard, supported socket LGA1700 for Intel 12/13/14<sup>th</sup> Gen Core i9/i7/i5/i3 & Pentium/Celeron processors
- 4x DDR5 UDIMM sockets, support 4800/5600MHz, up to 128GB
- 1\* PCIe5.0 X16, 3\* PCIe4.0 X4, 1\* PCIe3.0 X4, 2\*PCI Slots
- 1x Intel i219-V GbE, 1x intel i210-AT GbE
- 2x USB 3.2 (Gen 2), 6 x USB 3.2 (Gen 1)
- 2 x Vertical USB 2.0 Type-A, 2 x USB 3.2 Gen1 (Pin Header), 4 x USB 2.0 (Pin Header)



## Specifications

Chassis	4U Rackmount chassis
Disk Drive Bay	2x 5.25" External Drive Bays ; 6x 3.25" Internal Drive Bay ; 1x 2.5" Internal Drive Bay
LED Indicators	Power, HDD
Colour	Beige
Cooling	1 x 12025S Cooling Fan
Dimensions	482.6 x 177 x 450 mm
System Power supply	Option 500W / 600W / 700W
Processors	Support 12/13/14th Gen LGA1700 Intel Core i9/i7/i5/i3 & Pentium/Celeron Processors ; TDP up to 125W
Chipset	Intel® W680 Chipset
Memory	DDR5 4800/5600MHz 288-pin DIMM x4, Max to 128GB ( 32GB per DIMM )
Storage	4x SATAIII ports ; RAID 0/1/5/10 1 x M.2 2280 Slot, NVME PCIe x 4 ( Gen4 ) SSD
BIOS	AMI 128Mbit SPI Flash
Display	1x DP++ Up to 4096 x 2304@60Hz 1x VGA Up to 1920 x 1200@60Hz 1x HDMI Up to 4096 x 2160@60Hz
Ethernet Controller	1 x Intel® I210-AT GbE ( 10/100/1000 Mbps ) 1 x Intel® I219-V GbE ( 10/100/1000 Mbps )
Serial	6x COM Ports 1 x COM ( RS232/422/485 auto-flow ) Supports 5V/12V DC power Input form Rear I/O 1 x COM ( RS232/422/485 Auto-Flow ) Pin Header 4 x COM ( RS232 ) Pin Header
SPI	1 x eSPI
USB	2 x USB 3.2 ( Gen 2 ), 6 x USB 3.2 ( Gen 1 ) form Rear I/O 2 x Vertical USB 2.0 Type-A ; 2 x USB 3.2 Gen1 ( Pin Header ) ; 4 x USB 2.0 ( Pin Header )
AUDIO	Line-out, Mic-in
Other	1 x PS/2 Connector 6pin
TPM	1 x TPM 2.0 Pin Header
GPIO	1 x 16bit Programmable GPIO, 8in/8out
Expansion Slot	1x PCIe16 Gen 5.0 slots ; 3x PCIe4 Gen 4.0 slots ; 1x PCIe4 Gen 3.0 slot ; 2x PCI slots
Watchdog Timer	256-level Watchdog Timer
Motherboard Power input	ATX-Power 24P + 12V-8P
Environment	Operating Temperature : 0°C ~60°C Storage Temperature : -40~85°C Operating Humidity : 5%~95% · non-condensing
OS	Win10 · Win11 · Linux
Motherboard platform	ATX, 305mmx 245mm

## Ordering Information

Model name	Description
WSA-68W3-4U	4U IPC system with Intel W680 PCH ,ATX Motherboard, DP+HDMI+VGA,2LAN,6COM, 1*PCIe5.0 16X, 3*PCIe4.0 4X, 1*PCIe3.0 4X, 2*PCI slots

## Optional Accessories

Item	Description
	If you need to buy processors, HDD/SSD, power supply, CPU cooler, system memory and other accessories, please contact us.