

WSA-68W6-4U

High-Performance Intel 14th/ 13th/12th Gen 4U AI Industrial System

Features

- 5x 3.5 External Hot-swappable hard drive bay 4U Industrial PC
- Based on Intel W680 Express · supported socket LGA1700 for Intel 14/13/12th Gen Core i9/i7/i5/i3 & Pentium/Celeron processor
- 4x DDR4 DIMM sockets · support 3200MHz · up to 128GB
- 16-bit GPIO, VGA + HDMI + 2*DP Display port
- 8x SATAIII · 1x M.2 · 2x LAN · 6x COM
- 2x PCIe16 Gen4, 2x PCIe4 Gen4, 1x PCIe2 Gen 4, 1x PCIe4 Gen3



5x 3.5 External Hot-swappable hard drive bay

Specifications

Chassis	4U Rackmount
Disk Drive Bay	5x 3.5 External Hot-swappable hard drive bay (Compatible 2.5" HDD/SSD)
LED Indicators	Power, HDD
Colour	Beige
Cooling	1 x 12025S Cooling Fan
Dimensions (D x W x H)	480mm x 430mm x 177mm
System Power supply	Option 500W / 600W / 700W
Processors	Support 12/13/14th Gen LGA1700 Intel Core i9/i7/i5/i3 & Pentium/Celeron Processors
Chipset	Intel W680 Express
Memory	4x DIMM sockets · supports dual channel DDR4 3200MHz, up to 128GB
Storage	8x SATAIII ports ; RAID 0/1/5/10 1x M.2 PCIe X4 Gen4 M-key 2280
BIOS	AMI EFI BIOS
Display	VGA + HDMI + 2*DP ports 1x VGA interface · resolution up to 1920 x 1200@60Hz 1x HDMI interface · resolution up to 4096 x 2160@60Hz 2x DP interface · resolution up to 7680 x 4320@60Hz
Ethernet Controller	2 x Intel® I210
Serial	6x COM Ports COM1: RS-232/485/422 · COM2: RS-232/485 COM3-6: RS-232 (RX,TX,GND)
Parallel	1x LPT port
USB	6x USB3.2, 7x USB2.0, 1x internal Vertical USB Type-A
AUDIO	Realtek ALC897; Line-out · Line-in · Mic-in
Other	Internal PS/2 port 1 ↑ 2x7Pin (JTPM_SMB)
GPIO	16-bit GPIO
Expansion Slot	2* PCIe16 Gen 4.0 slots (Signal configured as 1 PCIe x16 or 2 PCIe x8) 1* PCIe4 Gen 3.0 by PCIe16 slot 1*PCIe4 Gen 3.0 2*PCIe4 Gen 4.0 1*PCIe2 Gen 4.0
Watchdog Timer	255-level Watchdog Timer
Motherboard Power input	ATX-Power 24P, 12V-8P
Environment	Operating Temperature : 0°C ~60°C Storage Temperature : -20~85°C Operating Humidity : 5%~95% · non-condensing
OS	Win10 · Win11 · Linux
Motherboard platform	ATX; 305mmx 244mm

Ordering Information

Model name	Description
WSA-68W6-4U	4U Rackmount IPC system with Intel W680 Express motherboard,VGA+HDMI+2*DP, 2LAN,6COM,2* PCIe 16X,4*PCIe 4X,1*PCIe 2X, 16-bit GPIO

Optional Accessories

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

Embedded BOX-PC

4U SETUP PC

3U SETUP PC

2U SETUP PC

Wall Mount IPC

Panel PC

Touch Monitor