



### General Features:

Platform: Intel Whitley 2U8/12/24-BAY

CPU: Intel Xeon Silver 4310/2.1GHz/12C/24T/18MB/2667MHz/ TDP up to 270W SINGLE/DUAL Processors

Riser card: Riser card which PCIe4.0x16 to 1x PCIe4.0x16

Power: 550/880W CRPS x2

Rail: chassis slide rail kits x1

RAID card: NA

NIC card: 1Gb 2/4/6ports/RJ45 or 10Gb/16Gb 2Ports/RJ45 with 2x Transceiver(optional)

RAM: option

Extra NIC: option

\* support 12Gb/s 4port 2.5" or 3.5" SAS/SATA HDD backplane w/cables

\* w/2x GbE and 1x IPMI Management LAN

\* supports 32x DDR4 RDIMM slots

\* Up to 11 PCIe expansions, optional support for 2 double-width, full-height, full-length GPUs

High-End Server: The Intel Whitley Server Platform includes the Intel C621 series chipset and supports the Intel® 3rd Generation Xeon® Scalable Processor (Ice Lake) to bring about servers that deliver new levels of breakthrough performance. Supports 2666/2933/3200MHz DDR4 memory

Model series	AC-312A08	
Model type	AC-S4310/A08	AC-D4310/A08
Chassis	2U, 12-Core Single Processor 8-bays	2U, 12-Core DUAL Processor 8-bays
Dimensions	748x433.4x87.6mm (DxWxH)	
Processor	Intel Xeon Silver SINGLE processor 4310	Intel Xeon Silver DUAL processor 4310
Memory	32 DDR4 memory slots, support DDR4 LRDIMM/RDIMM 2666/2933/3200MHz	
Internal storage interface	3 Minis SAS HD interfaces, 2 SATA DOM interfaces, 2 NVMe PCIe 4.0 M.2 interfaces (size 2280)	
External hard drive	Front 8 hot-swap 3.5/2.5inch SAS/SATA/NVMe hard drives; Rear optional up to 2x 2x3.5inch hard drive modules or 2x 2x2.5inch hard drive modules	
External port	Front port: 1 VGA, 2 USB3.0 Rear: 1 VGA, 1 COM port, 2USB3.0, 1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports	
PCIe expansion form	6x PCIe full-height slots, 4x PCIe half-height slots, 1x OCP 3.0 slot	
PCIe expansion specification	Riser1: 1x full-height PCIe 4.0 x16, 2x full-height PCIe 4.0 x8 2x full-height PCIe 4.0 x16 Riser2: 1x full-height PCIe 4.0 x16, 2x full-height PCIe 4.0 x8 2x full-height PCIe 4.0 x16 Riser3: 1x half-height PCIe 4.0 x16 1x half-height PCIe 3.0 x8, 1x half-height PCIe 3.0 x8 (in x16 Slot) Riser4: 1x half-height PCIe 3.0 x8, 1x half-height PCIe 3.0 x8 (in x16 Slot) OCP: 1x OCP 3.0 (PCIe 3.0 x8)	
Safety	Optional TPM module	
Power supply	AC 220V 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power supply (adapted according to the actual power requirement)	
Fan	Standard 4x 8038 hot-swap N+1 redundant fans, optional 8056 hot-swap N+1 redundant fans	
IPMI	IPMI 2.0 hardware SNMP ready	
Management port	1 dedicated RJ45 management network port	
Certification	CCC, CE, FCC, ROHS	
Operating temperature & humidity	Temperature 5°C~35°C/ Humidity 20%~80%RH non-condensing	
Storage temperature & humidity	Short-term storage ( $\leq 72$ H): temperature -40°C ~ 70°C/ humidity 20%~90%RH non-condensing (including packaging) Long-term storage ( $> 72$ H): temperature 20°C ~ 28°C/ humidity 30%~70%RH non-condensing (including packaging)	

**Product partcode:**

<b>AC-S4310/A08</b>	2U Single CPU 12-Core 08-Bay Server
<b>AC-D4310/A08</b>	2U DUAL CPU 12-Core 08-Bay Server
<b>AC-D4310/B08</b>	2U Dual CPU, 12-Core 08-Bay server storage



<https://ace-sys.com>

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