



General Features:

Platform: Intel® Xeon® Sapphire Rapids 2U8BAY rack mountable Servers

CPU: 5th Gen Intel® Xeon® Silver 4509Y Processor 2.60GHz, Core 8/Threads 16, TDP 125W

Riser card: PCIe3.0x24 /4.0x32

Power: 800W CRPS x2 or as per custom requirement

Rail: chassis slide rail kits x1

RAID card: configured as required

Default NIC card: onboard 2x RJ45 1Gb/s LAN ports (Intel® I350-AM2) and 1x RJ45 1Gb/s dedicated BMC LAN

RAM: Options

Extra NIC: Options available in 1Gb/2ports/RJ45, 10G/16G etc

OS: Options

* support Front 8x 3.5"/2.5" hot-swap hard drives(other bay variants available)

* supports upto 16 DDR5 memory slots, compatible with DDR5 4400/4800/5600MHz memory

High-End Server: Sapphire Rapids 2U dual-socket high-end server, supports 1 or 2, 4th/5th generation Intel® Xeon® Scalable processors, 16 DIMM DDR5 memory slots, supports 2 M.2 interfaces, 1 RJ45 management port, and 12 PCIe 5.0 expansion slots. The Intel "Sapphire Rapids" Platform micro-architecture for DDR5 servers supports greater memory bandwidth, enhanced hardware-based security, and a focus on improved performance for AI.

Model series	AC-58A08	
Model type	AC-S4509/B08	AC-D4509/B08
Chassis	2U, 8-Core Single Processor 8-bays	2U, 8-Core DUAL Processor 8-bays
Dimensions	745 x 444 x 87.6 mm (DxWxH)	
Processor	Intel® Xeon® Silver 4509Y SINGLE processor	Intel® Xeon® Silver 4509Y DUAL processor
Memory	16 DDR5 slots, supports DDR5 4400/4800/5600 MHz RDIMMmemory	
Internal storage interface	2 M.2 (PCIe 5.0 x4) interfaces, 3 MiniSAS HD interfaces, 2 SATADOMinterfaces	
External hard drive	8 hot-swappable 3.5/2.5-inch SAS/SATA hard drives in the front, optional up to 2 hot-swap 2.5" SAS/SATA/NVMe hard drives	
External ports	Front Ports: 2x USB 3.0, 1x VGA Rear ports: 1 VGA, 1 COM port, 2 USB 3.0, 1 management port, 2 RJ45 ports	
PCIe expansion	Rear optional: Supports 9 half-height, half-length, single-width PCIe 5.0slots Rear optional: Supports 1 full-height, full-length, dual-width PCIe 5.0slot and 5 half-height, half-length, single-width PCIe 5.0 slots	
Safety	Supports TPM/TCM hardware encryption modules, BMC remote access encryption, BIOS access encryption	
Power supply	800W/1300W/1600W/2000W CRPS 1+1 Redundant(1+1)	
Fan	Standard 4x8038 hot-swappable N+1 redundant fans	
IPMI	IPMI 2.0	
Management port	1 RJ45 management port	
Operating temperature & humidity	Temperature: 5°C to 35°C / Humidity: 20% to 80% RH (non-condensing)	
Storage temperature & humidity	Short-term storage (\leq 72H): temperature -40°C ~ 70°C/ humidity 20%~90%RH non-condensing (including packaging) Long-term storage ($>$ 72H): temperature 20°C ~ 28°C/ humidity 30%~70%RH non-condensing (including packaging)	

Product partcode:

AC-S4509/B08 2U Single CPU 8-Core 8-Bay Server Storage
AC-D4509/B08 2U DUAL CPU 8-Core 8-Bay Server Storage



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