



General Features:

Platform: Intel Eagle Stream 2U 4/8/12/25BAY rack mountable Servers

CPU: 4th Gen Intel® Xeon® Gold 5418Y Processor 2.00GHz, Core 24/Threads 48, TDP 185W

Riser card: PCIe3.0x24 /4.0x32

Power: 550W CRPS x2 or as per custom requirement

Rail: chassis slide rail kits x1

RAID card: configured as required

Default NIC card: options available in 1Gb/2ports/RJ45, 10G/16G etc

RAM: Options

Extra NIC: Options

OS: Options

* support Front 8/12/25 x3.5"/2.5" hot-swap hard drives(other bay variants available)

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

* supports 16x DDR5 RDIMM slots

High-End Server: Eagle Stream 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 "Eagle Stream" 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-424A12	
Model type	AC-S5418/A12	AC-D5418/A12
Chassis	2U, 24-Core Single Processor 8-bays	2U, 24-Core DUAL Processor 8-bays
Dimensions	745x444x87.6mm (DxWxH)	
Processor	Intel® Xeon® Gold 5418Y SINGLE processor	Intel® Xeon® Gold 5418Y DUAL processor
Memory	16 DDR5 memory slots supporting DDR5 RDIMM 4400/4800/5600MHz	
Internal storage interface	2 M.2 (PCIe 5.0 x4) interfaces, 3 MiniSAS HD interfaces, 2 SATA DOM interfaces	
External hard drive	Supports up to 8 hot-swap 3.5"/2.5" SATA/SAS hard drives Supports up to 2 hot-swap 2.5" SAS/SATA/NVMe hard drives	
External port	Front Ports: 1 VGA, 2 USB 3.0 Rear ports: 1 VGA, 1 COM port, 2 USB 3.0, 1 RJ45 Gigabit management port	
PCIe expansion	Rear optional: Supports 9 half-height, half-length, single-width PCIe 5.0 slots	
PCIe expansion specification	Rear optional: Supports 1 full-height, full-length, dual-width PCIe 5.0 slot 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	AC 220V 800W/1300W/1600W/2000W CRPS 1+1 Redundant (1+1) (adopted according to the actual power requirement of specs)	
Fan	Standard 4x8038 hot-swappable N+1 redundant fans	
IPMI	IPMI 2.0	
Management port	1 RJ45 management port	
Operating temperature & humidity	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -20°C - 80°C	
Storage temperature & humidity	Short-term storage (≤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-S5418/A12 2U Single CPU 24-Core 12-Bay Server
AC-D5418/A12 2U DUAL CPU 24-Core 12-Bay Server



<https://ace-sys.com>

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