



General Features:

Platform: Intel Emerald Rapids 4U 10GPU 4-BAY rack mountable Servers

CPU: 5th Gen Intel® Xeon® Platinum 8593Q Processor 2.20GHz, Core 64/Threads 128, TDP 385W.

Power: 550W CRPS x2 or as per custom requirement

Rail: chassis slide rail kits x1

RAID card: configured to requirement

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

RAM: Options available

Extra NIC: Options available

OS: Options available

* Supports 4x3.5"/2.5" SATA/SAS hard drive configurations, with optional rear support for 4xSATA/SAS or NVMe U.2 hard drives.

* Supports CPU-GPU switch expansion mode, with support for up to 10 dual-width GPU cards of 600W each.

* supports 16x DDR5 RDIMM slots

High-End Server: The 4U dual-socket high-end server, supports 1 or 2 Intel® Xeon® Scalable processors of the 4th or 5th generation, paired with 16 DDR5 4400/4800/5600MHz memory modules and up to 4 U.2 solid-state drives, providing high-speed data caching. With a CPU-GPU switch expansion solution, it accommodates various AI accelerator cards to meet the application needs of different AI business scenarios.

Model series	AC-564A04
Model type	AC-D8593/A04
Chassis	4U, 64-Core Dual Processor 4-bays
GPU	Supports up to 10x 600W dual-width GPUs
Dimensions	176.5mm (H) x 433mm (W) x 850mm (D)
Supported Processors	Supports 1 or 2 4th/5th Generation Intel® Xeon® Scalable processors, with a maximum TDP support of 350W
Memory	16 DDR5 memory slots, supports DDR5 4400/4800/5600MHz memory, with a maximum capacity of 64GB per module
Internal storage interface	3 Slimsas interfaces (SFF8643), 2*2280/22110 size M.2 (NVMe)
External hard drive	4 hot-swappable 3.5/2.5-inch SAS/SATA hard drives
External port	Front Ports: 2x USB 3.0, 1x VGA Rear ports: 1 serial port, 2 USB 3.0 interfaces, 2 USB2.0, 1 VGA, 1 RJ45 management port, 2 RJ45 network ports
PCIe expansion form	Rear PCIe Slots: 5x full-length half-height single-width Front PCIe Slots: 10x full-length full-height double-width
Safety	Supports TPM 2.0 module
Power supply	AC 220V 3+1 Redundant (2000W/2200W/2600W/3200W) (adapted according to the actual power requirement)
Fan	Standard 11 hot-swappable 8038 fans
IPMI	IPMI 2.0
Management port	Onboard iBMC management module supports management features such as IPMI, SOL, KVM Over IP, and virtual media
OS	Microsoft Windows Server, RedHatEnterprise Linux, SUSE Linux Enterprise Server
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V
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-D8593/A04 4U Dual CPU 64-Core 4-Bay Server



<https://ace-sys.com>

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