



General Features:

Platform: AMD EPYC™ 9965 8U12-BAY rack mountable Servers

CPU: 5th Gen AMD EPYC™ 9965 TURIN Processor 2.25GHz, Core 192/Threads 384, TDP 500W

GPU Card: Passthrough 8-GPU AI Server (Fan Version): Supports 8 × 600W 3-width, 3.3-width, 3.5-width, or 4.5-width RTX 5090 fan GPUs or other 600W fan GPUs. The GPU adopts a front-rear 4+4 separated vertical airflow layout, supporting a maximum GPU width of 89 mm.

Passthrough 8-GPU AI Server (Blower Version): Supports 8 × 600W 2-width or 2.5-width RTX 5090 blower GPUs or other 600W blower GPUs. The GPU adopts a rear 8-GPU side-by-side centralized airflow cooling layout, supporting a maximum

Power: Supports 8 CRPS power modules with N+N / N+M redundancy or on demand

RAID card: configured as required

Default NIC card: various options available in 10G/16G etc

RAM / Extra NIC: Options available

OS: Option

* 12 hot-swap 3.5"/2.5" SAS/SATA/NVMe drives

* supports 24 DDR5 memory slots, supporting DDR5 4800/5600/6400 MHz memory

- **Powerful Computing Performance and Ultra-High Scalability:** Supports 1 or 2 AMD EPYC Turin processors, compatible with AMD Genoa series, with TDP up to 500W; up to 24 DDR5 memory slots, supporting frequencies of 4800/5600/6400 MHz; CPU-GPU direct connection configuration, supporting 8 × 600W dual-width / 2.5-width / 3-width / 3.3-width / 3.5-width / 4.5-width GPUs; up to 12 × 3.5"/2.5" SATA/SAS/U.2 drives, meeting the needs of high-speed transmission and data storage.

Model series	AC-5192A12	
Model type	AC-D9965/B12FV	AC-D9965/B12BV
Chassis	8U 192-Core Dual Processor 12-bays Fan Ver.	8U 192-Core Dual Processor 12-bays Blower Ver.
Dimensions	364.3mm (H) x 446mm (W) x 910mm (D)	
Processor	AMD Turin EPYC™ 9965 single Processor	AMD Turin EPYC™ 9965 DUAL processor
Memory	24 DDR5 memory slots, supporting DDR5 4800/5600/6400 MHz memory	
GPU Card	Supports 8 × 600W 3-width / 3.3-width / 3.5-width / 4.5-width RTX 5090 fan GPU, or other 600W fan GPU; GPU adopts a front/rear 4+4 separated upper/lower split airflow-duct layout; maximum supported GPU width 89mm	Supports 8 × 600W 2-width / 2.5-width RTX 5090 blower GPU, or other 600W blower GPU; GPU adopts an 8-card rear-aligned side-by-side centralized airflow-duct cooling layout; maximum supported GPU width 50mm
Internal storage interface	3 Mini SAS HD interfaces, 2 SATA M.2 SSD interfaces, and 14 MCIO interfaces	
External hard drive	12 × hot-swap 3.5"/2.5" SAS/SATA/NVMe drives	
External port	Front: 2 × USB 3.0, 1 × VGA Rear: 1 × serial port, 2 × USB 3.0, 1 × VGA, 1 × RJ45 management port, 2 × Gigabit RJ45 network ports	
PCIe expansion form	6 full-height PCIe slots, 4 half-height PCIe slots, 2 OCP 3.0 slots	
PCIe expansion specification	Supports 12 × PCIe 5.0 expansion slots (including 1 × OCP): 8 × PCIe 5.0 4.5-width slots, 4 × PCIe 5.0 x8 single-width slots	Supports 12 × PCIe 5.0 expansion slots (including 1 × OCP): 8 × PCIe 5.0 2.5-width slots, 4 × PCIe 5.0 single-width slots
Safety	Supports TPM 2.0 module, chassis open-cover alarm, BMC/BIOS redundancy	
Power supply	Supports 8 × CRPS power supply modules; supports N+N / N+M redundancy (1600W / 2200W / 2700W / 3200W)	
Fan	Standard 6 × 6056 and 6 × 12038 fan	
IPMI	Supports standard interfaces including Redfish, SNMP, and IPMI 2.0	
Management port	1 dedicated RJ45 management port	
Operating temperature & humidity	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -20°C - 80°C	
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi, etc.	

Product partcode:

AC-D9965/B12FV 8U Dual CPU 192-Core 12-Bay Server, Fan version

AC-D9965/B12BV 8U Dual CPU 192-Core 12-Bay Server, Blower version



<https://ace-sys.com>

Advance Computing Environment Systems LLC
Sheikh Mohammed bin Rashid Blvd - Downtown Dubai - Dubai