



### **General Features:**

Platform: Intel Sapphire Rapids 6U8GPU/12-BAY rack mountable Servers

CPU: 4th Gen Intel® Xeon® Platinum 8480+ Processor 2.00GHz, Core 56/Threads 112, TDP 350W  
GPU card: Supports up to 8 GPUs with 600W power, accommodating dual-width, triple-width, and 3.5-width GPUs, maximum GPU width of 70.1mm

Power: Supports CRPS 2000W/2200W/2600W/3200W power modules, with hot-swap capability and 3+1 redundancy

RAID card: configured as required

Default NIC card: Optional OCP 3.0 network card. Optional PCIe standard NIC supporting 1/10/25/40/100/200/400GE RAM: Option

Extra NIC: Option

OS: Option

\* support Front 12x 3.5"/2.5" hot-swap hard drives

\* supports 32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz

High-End Server: Direct CPU-GPU connection, supporting 600W dual-width, triple-width, and 3.5-width GPUs, offering high performance, parallel computing, high scalability, reliability, energy efficiency, intelligent maintenance, and modular design to meet various AI business needs. Suitable for cloud gaming, artificial intelligence, cloud computing, virtualization, big data analysis, and digital twin applications.

Model series	AC-456A12	
Model type	AC-S8480/A12	AC-D8480/A12
Chasis	6U, 56-Core Single Processor 12-bays	6U, 56-Core DUAL Processor 12-bays
Dimensions	910 x 447 x 265mm (D x W x H)	
Processor	Intel® Xeon® Platinum 8480+ SINGLE processor	Intel® Xeon® Platinum 8480+ DUAL processor
Memory	32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz	
GPU Card	Supports up to 8 GPUs with 600W power, accommodating dual-width, triple-width, and 3.5-width GPUs, maximum GPU width of 70.1mm	
Internal storage interface	Built-in storage: 2 Slimline x4 interfaces (SATA), 2 M.2 (2280/22110) (SATA/PCIe 3.0 x1)	
External hard drive	12 hot-swappable 3.5"/2.5" SAS/SATA/NVMe drives	
External port	External Ports: Front: 2x USB 3.0, 1x VGA Rear: 1x serial port, 2x USB 3.0, 1x VGA, 1x RJ45 management port (optional upgrade for 2x 10G RJ45 network ports)	
PCIe expansion form	Supports 13 PCIe expansion slots including 1 OCP 3.0 slot	
Storage Controller	RAID card controller, SAS card controller Onboard PCH supports 8 SATA interfaces Intel onboard NVMe controller	
Safety	Supports TPM 2.0 module, chassis intrusion alarm, BMC/BIOS redundancy	
Power supply	Supports CRPS 2000W/2200W/2600W/3200W power modules, with hot-swap capability and 3+1 redundancy	
Fan	Standard configuration includes 12 hot-swappable 6056 fans & 4 hot-swappable 8038 fans	
IPMI	Supports Redfish, SNMP, IPMI 2.0 standard interfaces	
Management port	1 dedicated RJ45 management port	
Operating temperature	Operating temperature: 5°C - 35°C (indoor); Storage temperature: -40°C - 70°C	
Humidity	Operating humidity: 20% - 80% (non-condensing); Storage humidity: 20% - 90% (non-condensing)	

**Product partcode:**

**AC-S8480/A12** 6U 8GPU Single CPU 56-Core 12-Bay Server  
**AC-D8480/A12** 6U 8GPU DUAL CPU 56-Core 12-Bay Server



<https://ace-sys.com>

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