AMD 4U 5-GPU Dual-Socket Standard Server

- 2 high-performance AMD EPYC 7003/7002/7001 CPUs
- Multi-modular rear window for the needs of multi-combination
- 10 PCIe high-speed expansion slots for rich expansion performance
- 5 full-height, double-width high-performance GPUs for high-computing power
- 16 RECC DDR4 slots, maximum frequency 2933MHz

Modular Design

- Standard E-ATX form factor, matching any chassis;
- The fan, power supply and hard disk all adopt modular design, which comprehensively improves the reliability & heat dissipation of the system and facilitates subsequent maintenance.

Strong Scalability

- Support 10 PCIe high-speed expansion slots to provide rich expansion performance;
  A variety of 12/Gb SAS/SATA/NVMe adaptive backplanes are available, flexible and convenient.

High Performance

- Support 2 AMD EPYC 7003 (Milan) series, compatible with 7002 (Rome) series and 7001 (Naples) series, 12/Gb SAS backplane, 5 full-height, double-width high-performance GPUs;
  Support 16 RECC DDR4 memory slots, the maximum frequency
- supports 2933MHz;
  The motherboard natively supports the NVMe cache interface
- to meet the needs of artificial intelligence, virtualization, cloud computing, big data processing, distributed storage, enterprise market and telecom applications.

Intelligent Power & Temperature Control

- Platinum-level 1+1 redundant power supply, support hot-swap replacement, and ensure the stability of the system;
- Intelligent temperature-controlled fan module, support hot-swap replacement, and have excellent anti-vibration design.

PRODUCT DISPLAY

Parameters

Product Series	ASR401-D24RE	ASR4105G-D12R	ASR4105G-D02R
Product Type	4U 24-bay	4U 12-bay	4U 2-bay (rear configuration)
Size	695*433*176.5mm (D*W*H)		440*433*176.5mm (D*W*H)
Processor	Support 2 AMD EPYC 7003 (Milan series), compatible with AMD EPYC 7002 (Rome series), AMD EPYC 7001 (Naples series)		
Memory	16 DDR4 memory slots, support 2400/2666/2933MHz memory		
Internal Storage Interface	1 M.2 (PCIe x4) port, 2 MiniSAS HD ports		
External Hard Drive	Front 24 hot-swap 3.5"/2.5" SAS/SATA hard disks; rear optional 1x 2x2.5" hard disk module	Front 12 hot-swap 3.5"/2.5" SAS/SATA hard disks; rear optional 1x 2x2.5" hard disk module	Built-in 2x 2.5" SAS/SATA hard disks; rear 1x 2x2.5" hard disk module
External Port	Front: 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports		
PCIe Expansion Spec	Support 6 PCIe x8 and 4 PCIe x16		
Safety	TPM		
Power	Support 550W, 800W, 1200W, 1600W, 2200W hot-swap redundant power supply (adapt according to the actual power)		
Fan	Standard 8x 8038 hot-swap N+1 redundant fans, optional 8x 8056 hot-swap N+1 redundant fans		Standard 3x 12038 fans
IPMI	IPMI2.0		
Management Port	1 RJ45 management network port		
Operating Temp. & Humidity	Temperature 5°C～35°C/ Humidity 35%～80%RH non-condensing		
Storage Temp. & 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 package)		
Certification	CCC，RoHS 2.0		

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