

AMD MILAN DUAL SOCKET SERVER



Dual Socket AMD EPYC 7003 Server

- 1st AMD storage platform optimized for distributed storage
- 2* AMD EPYC 7003 (Milan) high-performance CPU
- Multi-choice configurations of hard disk
- 32 DIMM DDR4 memory, up to 8TB
- Modular design, 11* PCIe expansions
- For IPFS, digital currency, blockchain, big data, hyper-converged cloud computing



Ultrahigh Computing

AMD Milan EPYC 7003 processor, based on Zen3 kernel, each core up to 32MB L3 Cache. Single core improved by 19%, 12/Gb SAS backplane, supporting dual-width high power consumption GPU. MB original support of NVMe cache ports to IPFS, digital currency, cloud computing, big data, virtualized computing, etc.



Massive Storage

Up to 32DIMM memory slots, 4/8/10/12/24/25/36-bays. Up to 36* 3.5"+rear 4* 3.5" & 4* 2.5" hot-swap hard disks or rear 8* 2.5" hot-swap hard disks. 10 PCIe expansion slots & 1 OCP3.0 NIC



Modular Design, Safe & Stable

Fan, power supply & HDD are all modular design. PCIe's position can exchange with disks, bottom PCIe can replace by 4* 3.5"/2.5" or 8* 2.5" hard disks. Tested strictly by compatibility & reliability with comprehensively improved stability.



AI Remote Management

HTMI5 IPMI remote management can monitor in real-time incl. power-on/off operation to maintain in time. True Redundant Level incl. fans, power supplies, storage

PRODUCT DISPLAY



Spec

Model	SR101-D04R	SR101-D10R	SR201-D08R	SR201-D12RE	SR201-D25RE	SR401-D24RE	SR401-D36RE
Front Hard Disk	Up to 4x 3.5" /2.5" SAS/SATA 3.0	Up to 10x 2.5" SAS/SATA 3.0	Up to 8x 3.5" /2.5" SAS/SATA 3.0	Up to 12x 3.5" /2.5" SAS/SATA 3.0	Up to 25x 2.5" SAS/SATA 3.0	Up to 24x 3.5" /2.5" SAS/SATA 3.0	Up to 36x 3.5" /2.5" SAS/SATA 3.0
Rear Hard Disk	N/A		Optional 4x 3.5" and 4x 2.5" or 8x 2.5" hot-swap hard disk bays				
Size	748x 433.4x 43.6mm(D*W*H)		748x 433.4x 87.6mm(D*W*H)			798x 433.4x 176.5mm(D*W*H)	
CPU	1 or 2 AMD Milan EPYC 7003 series processors						
Memory	DDR4 ECC RDIMM/LRDIMM, memory frequency up to 2666/ 2933/3200 MHz. Supports 16x DDR4 channels, each channel supports 2x DIMM, 32x DDR4 slots.						
Storage Controller	Outside HBA(not RAID): 12 Gbps SAS HBA Inner storage: 2 PCIe3.0x 2 M.2 slots, 4 SATA 7PIN slots (SATA DOM), 3x 8463 ports						
Drive	4/8/10/12/24/25/36" hot-swap SAS/SATA(HDD/SSD)						
PSU	550W, 800W, 1200W, 1600W hot-swap redundant power supplies. Optional 240V, -48V & 336V HVDC						
PCIe	Front port: 1* VGA, 2* USB3.0	Front: 2* USB2.0	Front: 1* VGA, 2* USB3.0			Front: 2* USB3.0	
	Rear: 1* VGA, 1* DB-9COM port, 2* USB3.0, 1* RJ45 1GB management port, 2* 1GB RJ45 port 10* PCIe expansion slots, OCP3.0 expansion, 1* OCP3.0 NIC						
System Fan	7* 4056 hot-swap redundant fans		4* 8038 or 8056 hot-swap redundant fans			8* 8038 or 8056 hot-swap redundant fans	
Network	Onboard 2x 1GbE						
Safety	TPM/TCM(Optional); Chassis cover intrusion detection; Chassis cover with lock						
Management	IPMI, SOL, KVM Over IP and so on						
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu						
Virtualization	Citrix Xen Server, VMware ESXi, Linux KVM, Windows Hyper-V						
Temperature	Operating: 10°C-35°C (indoor); extended working temperature: 5°C-40°C (specific configuration); Transportation: -40°C-70°C						
Humidity	Operating: 30%-80% (non-condensing) Storage: 5% ~ 95% (non-condensing)						