Mainstream A+ Server AS -2024S-TR

Key Applications

Virtualization, Enterprise Server, Data Center Optimized, Application and data serving, Model analysis, Compute Intensive Applications,

Key Features

- Dual AMD EPYC™ 7003/7002 Series Processors ;Supports Up to 240W CPU TDP;;
- AMD® SP3;
- Up to 4TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-3200MHz in 16 DIMMS;
- 3 PCIe 4.0 x16 Low Profile (LP);3 PCIe 4.0 x8 Low Profile (LP);
- Dual Gigabit LAN;
- 12 hot-swap 3.5" (Tool-less) or 2.5" (screw) drive bays ; (Default configuration is 8 SATA + 4 NVMe) ; 1 M.2 support: ;- M.2 Interface: PCIe 3.0 x4;- M.2 Form Factor: 2260, 2280, 22110;- M.2 Key: M-Key;;
- 3 heavy duty Hot-swappable 9.4K RPM Cooling Fans;1 air shroud;
- 920W Redundant Power Supplies Platinum level;
- 1 rear VGA, 1 Type A port, 1 COM Port, and 4 USB ports;

Form Factor	2U Rackmount Enclosure: 437 x 89 x 648mm (17.2" x 3.5" x 25.5") Package: 678.2 x 289.6 x 876.3mm (26.7" x 11.4" x 34.5")
Processor	AMD EPYC™ 7002/7003 Series Processors Dual Socket Socket SP3 supported TDP up to 240W;
Drive Bays	12x 3.5" hot-swap SATA/NVME drive bays (3.5" drive installation is tool-less, 2.5" drives will require screws. Default drive configuration is 8 SATA + 4 NVMe, other configurations require additional optional parts) 1 M.2 NVMe M-key, 2280, 22110
Expansion Slots	3 PCIe 4.0 x8 LP slot(s) 3 PCIe 4.0 x16 LP slot(s)
On-Board Devices	Chipset: AMD SP3 Network Connectivity: 2x 1GbE BaseT port(s) IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 1 RJ45 Dedicated IPMI LAN port 2 RJ45 1GbE LAN ports USB: 4 USB 3.0 port(s) (4 Rear_USB) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 COM) DOM: 2 SuperDOM (Disk on Module) port

System Cooling	3x 80cm heavy duty fan(s)
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Power Supply	1U 920W redundant power supply
	Dimension (W x H x L): 76 x 40 x 336 mm
	Output Type: Backplanes (gold finger)

Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; SPM; SSM; IPMI 2.0; Redfish API

PC Health Monitoring	CPU: 4+1 Phase-switching voltage regulator
	Monitors for CPU Cores, Chipset Voltages, Memory.
	FAN: Fans with tachometer monitoring
	Status monitor for speed control
	Pulse Width Modulated (PWM) fan connectors
	Temperature: Monitoring for CPU and chassis environment
	Thermal Control for fan connectors

Dimensions and Weight	Height: 3.5" (89 mm)
	Width: 17.2" (437 mm)
	Depth: 25.5" (648 mm)
	Gross Weight: 60 lbs (27.2 kg)
	Net Weight: 33.5 lbs (15.2 kg)
	Packaging: 11.4" (H) x 26.7" (W) x 34.5" (D)
	Available Color: Silver

Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
	Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
	Operating Relative Humidity: 8% to 90% (non-condensing)
	Non-operating Relative Humidity: 5% to 95% (non-condensing)

Motherboard	Super H12DSi-N6

Chassis	CSE-LA26TS-R920LPP1