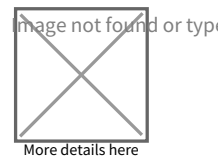


# Mainstream A+ Server AS -2024S-TR



## Key Applications

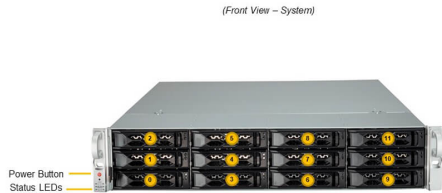
Virtualization, Enterprise Server, Data Center Optimized, Application and data serving, Model analysis, Compute Intensive Applications,

## 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) ; (Up to 12x NVMe drives supported with optional NVMe kit);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;

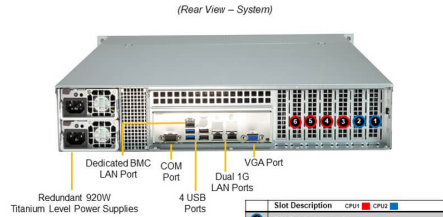


<b>Form Factor</b>	2U Rackmount Enclosure: 437 x 89 x 648mm (17.2" x 3.5" x 25.5") Package: 678.2 x 289.6 x 876.3mm (26.7" x 11.4" x 34.5")
<b>Processor</b>	Dual Socket SP3 AMD EPYC™ 7002/7003 Series Processors Up to 64C/128T; Up to 256MB Cache per CPU
<b>Drive Bays</b>	12x 3.5" hot-swap SATA/NVME drive 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
<b>Expansion Slots</b>	3 PCIe 4.0 x8 LP slot(s) 3 PCIe 4.0 x16 LP slot(s)
<b>On-Board Devices</b>	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
<b>Input / Output</b>	LAN: 1 RJ45 Dedicated IPMI LAN port 2 RJ45 1GbE LAN ports USB: 2 USB 2.0 port(s) (2 rear) 2 USB 3.0 port(s) (2 rear) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 COM) DOM: 2 SuperDOM (Disk on Module) port



Slot	Description
1 - 2	3.5/2.5" Hot-swap NVMe Drive Bays (NVMe from CPU2)
3 - 6	3.5/2.5" Hot-swap SATA/SAS3 Drive Bays*

\*SAS3 support requires additional parts in optional parts list



Slot Description	CPU1	CPU2
1	PCI-E 4.0 x8 Slot (LP)	
2	PCI-E 4.0 x16 Slot (LP)	
3	PCI-E 4.0 x8 Slot (LP)	
4	PCI-E 4.0 x16 Slot (LP)	
5	PCI-E 4.0 x8 Slot (LP)	
6	PCI-E 4.0 x16 Slot (LP)	

System Cooling	Air Shroud: 1 Clear Plastic Air Shroud(s) Fans: 3 Middle 80mm Fan(s)
Power Supply	920W Redundant Platinum Level power supplies
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; KVM with dedicated LAN; IPMI 2.0
PC Health Monitoring	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 CPU: Monitors for CPU Cores, Chipset Voltages, Memory. 7 Phase-switching voltage regulator
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	<a href="#">Super H12DSi-N6</a>
Chassis	CSE-LA26TS-R920LPP1