

Mainstream A+ Server AS -2024S-TR

2U Mainstream with dual AMD® EPYC™ and 6 PCIe 4.0 slots

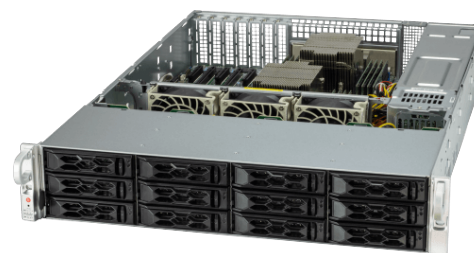


Key Applications

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;



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	Dual Socket SP3 AMD EPYC™ 7002/7003 Series Processors Up to 64C/128T; Up to 256MB Cache per CPU
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 12 bay(s) <ul style="list-style-type: none"> • 4 front hot-swap 3.5" NVMe drive bay(s) • 8 front hot-swap 3.5" SAS*/SATA drive bay(s) Option A: Total 12 bay(s) <ul style="list-style-type: none"> • 12 front hot-swap 2.5" SAS/SATA drive bay(s) (*SAS support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> • 3 PCIe 4.0 x8 LP slot(s) • 3 PCIe 4.0 x16 LP slot(s)
On-Board Devices	Chipset: AMD SP3 Network Connectivity: 2 RJ45 1GbE
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 RJ45 1 GbE LAN port(s) USB: 2 USB 2.0 port(s) (rear) 2 USB 3.0 port(s) (rear) Video: 1 VGA port(s) DOM: 2 SuperDOM (Disk on Module) port(s)

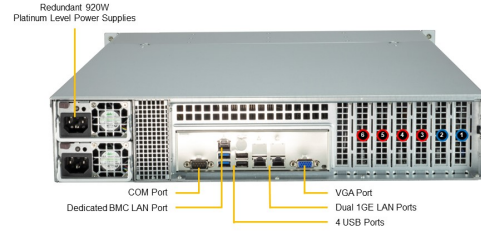
(Front View – System)



Slot	Description
1 - 3	3.5/2.5" Hot-swap NVMe Drive Bays (NVMe from CPU2)
4 - 6	3.5/2.5" Hot-swap SATA/SAS3 Drive Bays*

*SAS3 support requires additional parts in optional parts list

(Rear View – System)



Slot	Description
1 - 2	PCIe 4.0 x8 LP
3 - 4	PCIe 4.0 x16 LP

System Cooling	Fans: 3 Middle 80mm Fan(s) Air Shroud: 1 Clear Plastic Air Shroud(s)
Power Supply	1x 920W Redundant Platinum Level (94%) power supply
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
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	Weight: Gross Weight: 60 lbs (27.2 kg) Net Weight: 33.5 lbs (15.2 kg) 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