AMD EPYC (H13) | 2U Rackmount | Server

Supermicro AS-2015SV-WTNRT

AMD EPYC (H13) · 2U Rackmount Server

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Form Factor	CPU
2U Rackmount	**AMD EPYC™ 8005/8004 Series Processor**
GPU	**Memory**
Up to 1 double-width or 2 single-width GPUs	**Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 8004 Series Processor)**

Key Features

- Single Socket AMD EPYC™ 8005/8004 Series Processor
- 6 DIMM slots, up to DDR5-6400MHz memory, support up to 1.5TB
- 2 PCIe 5.0 x16 FHFL; 2 PCIe 5.0 x 8 LP, Supports up to 1 double-width or 2 single-width GPU(s)
- Single dedicated IPMI LAN, dual 10GbE BaseT LAN ports via Broadcom BCM57416 Controller
- 12 hot-swap 3.5"/2.5" SATA(default)/SAS drive bays or 6 SATA/NVMe hybrid + 6 SATA drive bays (optional cables or SAS controller card for NVMe and SAS drive bays)
- Dual 800W Redundant Titanium Level power supplies(Power supply full redundancy based on configuration and application load)

Form Factor	2U Rackmount
Platform	AMD EPYC (H13)
CPU	Single processor(s) AMD EPYC™ 8005/8004 Series Processor
Max GPU Count	Up to 1 double-width or 2 single-width GPUs
Supported GPU	NVIDIA PCIe: RTX 4000 Ada Generation, T400
Memory	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 8004 Series Processor)
Drive Bays	Default: Total 12 bays12 front hot-swap 3.5" SATA drive bays
Fans	Up to 3 Heavy duty PWM 80x80x38mm Fan(s)
Power Supply	2x 800W Redundant (1 + 1) Titanium Level (96%) power supplies

Full Specifications — AS-2015SV-WTNRT

Product SKUs

Part numbers	AS -2015SV-WTNRT

Motherboard

Motherboard	A+ Motherboard® H13SVW-NT

Processor

CPU	Single processor(s) AMD EPYC™ 8005/8004 Series Processor
Core Count	Up to 84C/168T; Up to 384MB Cache
Note	Supports up to 225W TDP CPUs (Air Cooled)

GPU

Max GPU Count	Up to 1 double-width or 2 single-width GPUs
Supported GPU	NVIDIA PCIe: RTX 4000 Ada Generation, T400

System Memory

Memory	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 8004 Series Processor) Max Memory (1DPC): Up to 1.5TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 8005 Series Processor) View Memory Options
Memory Voltage	1.1V

On-Board Devices

Network Connectivity	2 RJ45 10GBASE-T with Broadcom® BCM57416 View AOC Options

Input / Output

LAN	1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GBASE-T LAN ports
USB	4 ports (rear)
Video	1 VGA port
Serial	1 COM port (rear)
TPM	1 TPM Onboard/port 80

System BIOS

BIOS Type	AMI 32MB SPI Flash EEPROM

BIOS Features	ACPI 6.4 Plug and Play (PnP) SMBIOS 3.5 or later UEFI 2.8 USB Keyboard support

Management

Software	SuperCloud Composer® (SCC) 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!
Power configurations	1U redundant 800W Titanium AC Power Supply

Security

Hardware	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant
Features	Cryptographically Signed Firmware Secure Boot Secure Firmware Updates Automatic Firmware Recovery Supply Chain Security: Remote Attestation Runtime BMC Protections System Lockdown

PC Health Monitoring

Fan	Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control
Temperature	Monitoring for CPU and chassis environment Thermal Control for fan connectors

Certifications

Operating Systems	Siena: ESXi 7.0 U3, ESXi 8.0, Oracle Linux 9.0, RHEL 9.2, SLES 15 SP4, SLES 15 SP5, Windows Server 2022, Windows Server 2025 View all OS Compatibility and Certification Matrix

Chassis

Form Factor	2U Rackmount
Model	CSE-826BTS-R000WNBP4

Dimensions and Weight

Height	3.5" (89 mm)
Width	17.2" (437 mm)
Depth	25.6" (650 mm)
Package	11.5" (H) x 26.5" (W) x 34" (D)
Weight	Gross Weight: 58 lbs (26.3 kg) Net Weight: 34 lbs (15.4 kg)
Available Color	Black

Front Panel

Buttons	Power On/Off System Reset
LED	Device Activity LAN 1 Activity LAN 2 Activity Power Failure LED Power status System information

Expansion Slots

PCI-Express (PCIe) Configuration	Default2 PCIe 5.0 x16 FHFL slots 2 PCIe 5.0 x8 LP slots 2 PCIe 5.0 x16 FHFL slots 2 PCIe 5.0 x8 LP slots View AOC Options

Drive Bays / Storage

Drive Bays Configuration	Default: Total 12 bays12 front hot-swap 3.5" SATA drive bays 12 front hot-swap 3.5" SATA drive bays Option A: Total 12 bays6 front hot-swap 3.5"/2.5" PCIe 5.0 NVMe*/SATA drive bays 6 front hot-swap 3.5"/2.5" SATA drive bays 6 front hot-swap 3.5"/2.5" PCIe 5.0 NVMe*/SATA drive bays 6 front hot-swap 3.5"/2.5" SATA drive bays Option B: Total 12 bays12 front hot-swap 2.5" SAS* drive bays 12 front hot-swap 2.5" SAS* drive bays (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details) View NVMe Options View Drive Options
M.2	2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110) View M.2 Options

System Cooling

Fans	Up to 3 Heavy duty PWM 80x80x38mm Fan(s)
Air Shroud	1 Air Shroud

Power Supply

2x 800W Redundant (1 + 1) Titanium Level (96%) power supplies

Dimension (WxHxL)	76 x 40 x 336 mm
Input	800W: 100-240Vac / 50-60Hz 800W: 200-240Vdc / 50-60Hz
+12V	Max: 66A / Min: 0A (100Vac-240Vac) Max: 66A / Min: 0A (200Vdc-240Vdc)
5V SB	Max: 4A / Min: 0A
Output Type	Backplanes (gold finger)

Operating Environment

Environmental Spec.	Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)