AMD EPYC (H13) | 1U Rackmount | Server

Supermicro AS-1015CS-TNR

AMD EPYC (H13) · 1U Rackmount Server

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Form Factor **1U Rackmount**	CPU **AMD EPYC™ 9004/9005 Series Processors(* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x)**
GPU **Up to 2 single-width GPUs**	Memory **Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor, MB R1.x/R2.0/R2.01)**

Key Features

Single AMD EPYC™ 9004/9005* Series Processor(*AMD EPYC™ 9005 series drop-in support requires board revision 2.x)	Support up to DDR5 12 DIMM slots (1DPC), speed up to 6400MT/s(Please check System Memory Section for detail)
2 PCIe 5.0 x16 FHHL	Dual AIOM (OCP 3.0) for networking, 1 dedicated IPMI LAN
4 Hot-swap 3.5"/2.5" SATA drive baysOptional 4 Hot-swap NVMe/SAS drives support via additional parts2 M.2 PCIe 3.0 x2 NVMe slots	Dual 860W Redundant Platinum Level power supplies(Power supply full redundancy based on configuration and application load)

Form Factor	1U Rackmount
Platform	AMD EPYC (H13)
CPU	Single processor(s) AMD EPYC™ 9004/9005 Series Processors(* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x)
Max GPU Count	Up to 2 single-width GPUs
Memory	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor, MB R1.x/R2.0/R2.01)
Drive Bays	Default: Total 4 bays4 front hot-swap 3.5"/2.5" SATA drive bays
Fans	Up to 6x 4cm heavy duty fans with optimal fan speed control

Power Supply	2x 860W Redundant (1 + 1) Platinum Level (94%) power supplies

Full Specifications — AS-1015CS-TNR

Product SKUs

Part numbers	AS -1015CS-TNR Standard version with PWS-860P-1R2 (Platinum Level) AS -1015CS-TNR-EU European version with PWS-861A-1R (Titanium Level)

Motherboard

Motherboard	A+ Motherboard® H13SSW

Processor

CPU	Single processor(s) AMD EPYC™ 9004/9005 Series Processors(* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x)
Core Count	Up to 160C/320T
Note	Supports up to 400W TDP CPUs * *Air Cooled CPUs with TDP over 360W only supported under specific conditions. Contact a Supermicro representative for details.

GPU

Max GPU Count	Up to 2 single-width GPUs
CPU-GPU Interconnect	PCIe 5.0 x16 CPU-to-GPU Interconnect
GPU-GPU Interconnect	PCIe

System Memory

Memory	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.01) View Memory Options
Memory Voltage	1.1V

On-Board Devices

Network Connectivity	Via AIOM View AIOM Options View AOC Options

Input / Output

LAN	1 RJ45 1 GbE Dedicated BMC LAN port

USB	2 USB 3.0 ports (rear)
Video	1 VGA port
Serial	1 COM port (rear)
TPM	1 TPM header

System BIOS

BIOS Type	AMI 32MB SPI Flash ROM
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) OOB Management Package (SFT-OOB-LIC) SuperServer Automation Assistant (SAA) New!
Power configurations	ACPI Power Management Power-on mode control for AC power loss recovery Power button override mechanism,

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
Voltage	System temperature, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, CPU thermal trip support

Certifications

Operating Systems	Genoa: ESXi 7.0 U3, ESXi 8.0, Hypervisor 8.2.1, Oracle Linux 9.0, RHEL 9.0, SLES 12 SP5, SLES 15 SP4, Windows Server 2022, Windows Server 2025 Turin: Windows Server 2025 View all OS Compatibility and Certification Matrix
Enterprise Solutions	VMWare vSAN Microsoft Azure Local

Chassis

Form Factor	1U Rackmount
Model	CSE-LA15TS-R860AWP2

Dimensions and Weight

Height	1.7" (43 mm)
Width	17.2" (437 mm)
Depth	25.6" (650 mm)
Package	7.8" (H) x 23.8" (W) x 34.6" (D)
Weight	Gross Weight: 46 lbs (20.9 kg) Net Weight: 25 lbs (11.3 kg)
Available Color	Black front & sliver body

Front Panel

Buttons	Power On/Off Reset button Universal Information (UID)
LED	Drive activity Network activity Power status Universal Information (UID)

Expansion Slots

PCI-Express (PCIe) Configuration	Default2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) View AOC Options

Drive Bays / Storage

Drive Bays Configuration	Default: Total 4 bays4 front hot-swap 3.5"/2.5" SATA drive bays 4 front hot-swap 3.5"/2.5" SATA drive bays Option A: Total 4 bays4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays 4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays Option B: Total 4 bays4 front hot-swap 3.5"/2.5" SAS* drive bays 4 front hot-swap 3.5"/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 x2 NVMe slots (M-key 2280/22110) View M.2 Options

System Cooling

Fans	Up to 6x 4cm heavy duty fans with optimal fan speed control
Air Shroud	1 Air Shroud

Power Supply

2x 860W Redundant (1 + 1) Platinum Level (94%) power supplies

Dimension (WxHxL)	54.5 x 40.25 x 322 mm
Input	800W: 100-127Vac / 50-60Hz 860W: 200-240Vac / 50-60Hz 860W: 200-240Vdc / 50-60Hz
+12V	Max: 66.6A / Min: 0A (100Vac-127Vac) Max: 71.6A / Min: 0A (200Vac-240Vac) Max: 71.6A / Min: 0A (200Vdc-240Vdc)
5V SB	Max: 4A / Min: 0A
Output Type	Backplanes (gold finger)

2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies

Dimension (WxHxL)	54.5 x 40.25 x 322 mm
Input	800W: 100-127Vac / 50-60Hz 860W: 200-240Vac / 50-60Hz 860W: 240Vdc / 50-60Hz
+12V	Max: 66.67A / Min: 0A (100Vac-127Vac) Max: 71.67A / Min: 0A (Vdc-240Vdc) Max: 71.67A / Min: 0A (200Vac-240Vac)
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: -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)