AMD EPYC (H15) | 1 OU Rackmount | Server

Supermicro AS-1127FT7-DEO-ALC

AMD EPYC (H15) · 1 OU Rackmount · Liquid Cooling Server

Specifications reproduced from the official Supermicro product page, as of 17 Nov 2026. Taknet Systems (Thailand) is a Supermicro Authorized Distributor.



Form Factor
1 OU Rackmount

CPU
AMD EPYC™ 9006 SP7 Series Processors

Memory
Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM

Key Features

- Two systems (nodes) in a 1 OU form factor. Each node supports the following:
- Dual Socket AMD EPYC™ 9006 SP7 Series Processors up to 512 cores with Liquid Cooling
- Supports up to 2 PCIe 6.0 x16 FHHL + 1 Optional PCIe 6.0 x16 LP or 1 Optional PCIe 6.0 x16 AIOM slots
- Supports up to 32 DDR5 RDIMMs/MRDIMMs
- Flexible networking with 1 AIOM slot (OCP 3.0 SFF compliant)
- 2 Hot-swap E1.S NVMe drive bays + 2 M.2 NVMe slots
- 49-52V DC busbar

Form Factor	1 OU Rackmount
Platform	AMD EPYC (H15)
CPU	Dual processor(s) AMD EPYC™ 9006 SP7 Series Processors
Memory	Slot Count: 32 DIMM slots Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM
Drive Bays	Option A: Total 2 bays2 front hot-swap E1.S NVMe drive bays
Fans	8 counter-rotating 40x40x56mm Fan(s)
Power Supply	Power via Busbar (49-52V DC)

Full Specifications — AS-1127FT7-DEO-ALC

Product SKUs

Part numbers	AS -1127FT7-DEO-ALC

Motherboard

Motherboard	A+ Motherboard® H15DPT-F

Processor (per Node)

CPU	Dual processor(s) AMD EPYC™ 9006 SP7 Series Processors
Core Count	Up to 512C/1024T
Note	Supports up to 600W TDP CPUs (Liquid Cooled)

System Memory (per Node)

Memory	Slot Count: 32 DIMM slots Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM Max Memory (1DPC): Up to 8TB 12800MT/s ECC DDR5 MRDIMM
Memory Voltage	1.1V

On-Board Devices (per Node)

Network Connectivity	Via AIOM View AIOM Options
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 (per Node)

LAN	1 RJ45 1 GbE Dedicated BMC LAN port
USB	1 USB 3.0 Type-A port (Front)
Video	1 mini-DP port
TPM	1 TPM header

System BIOS

BIOS Type	AMI 64MB SPI Flash EEPROM
BIOS Features	Plug and Play (PnP) UEFI 2.8 USB Keyboard support ACPI 6.5 SMBIOS 3.7 or later

Management

Software	Supermicro Server Manager (SSM) Super Diagnostics Offline (SDO) KVM with dedicated LAN IPMI 2.0 Supermicro Thin-Agent Service (TAS) SuperServer Automation Assistant (SAA) New!
Power configurations	ACPI/APM Power Management Power-on mode control for AC power loss recovery Power button override mechanism,

Security

Hardware	Trusted Platform Module (TPM) 2.0
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

CPU	Monitors for CPU Cores, Chipset Voltages, Memory
Fan	Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control
Temperature	Monitoring for CPU and chassis environment

Certifications

Operating Systems	Venice: Oracle Linux 10.2 View all OS Compatibility and Certification Matrix

Chassis

Form Factor	1 OU Rackmount
Model	CSE-OC101TS-V01DFP

Dimensions and Weight

Height	1.89" (48 mm)
Width	21.14" (537 mm)
Depth	33.66" (855 mm)

Package	7.17" (H) x 26.38" (W) x 44.29" (D)
Weight	Gross Weight: 89 lbs (40.37 kg) Net Weight: 58.5 lbs (26.54 kg)
Available Color	Silver

Front Panel

Buttons	Power On/Off UID button
LED	Power status UID

Expansion Slots (per Node)

PCI-Express (PCIe) Configuration	Default1 PCIe 6.0 x16 FHHL slot 1 PCIe 6.0 x16 FHHL slot Option A*1 PCIe 6.0 x16 FHHL slot 1 PCIe 6.0 x16 LP slot 1 PCIe 6.0 x16 FHHL slot 1 PCIe 6.0 x16 LP slot Option B1 PCIe 6.0 x16 FHHL slot 1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) 1 PCIe 6.0 x16 FHHL slot 1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) Option C2 PCIe 6.0 x16 FHHL slots 1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) 2 PCIe 6.0 x16 FHHL slots 1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) (*Requires additional parts, please see the optional parts list for details. For more details on PCIe slot configuration options, please refer to the system callout images above.)
CXL Support	Up to 2 CXL 3.1 x16 devices

Drive Bays / Storage (per Node)

Drive Bays Configuration	Option A: Total 2 bays2 front hot-swap E1.S NVMe drive bays 2 front hot-swap E1.S NVMe drive bays
M.2	2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)

System Cooling

Fans	8 counter-rotating 40x40x56mm Fan(s)
Air Shroud	1 Air Shroud
Liquid Cooling	Direct to Chip (D2C) Cold Plate

Power Supply

Power	Power via Busbar (49-52V DC)
Power	Power via Busbar (49-52V DC)

Operating Environment

RoHS	RoHS Compliant
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)

Environmental / Recycling

Recycle	Return Server-End of Life Product