



More details here

Hyper SuperServer AS -1127H7-N

1U dual socket Hyper with up to 12 hot-swap drive bays and 3 PCIe 6.0 x16 slots + 1 PCIe 6.0 x16 AIOM slot

Key Applications

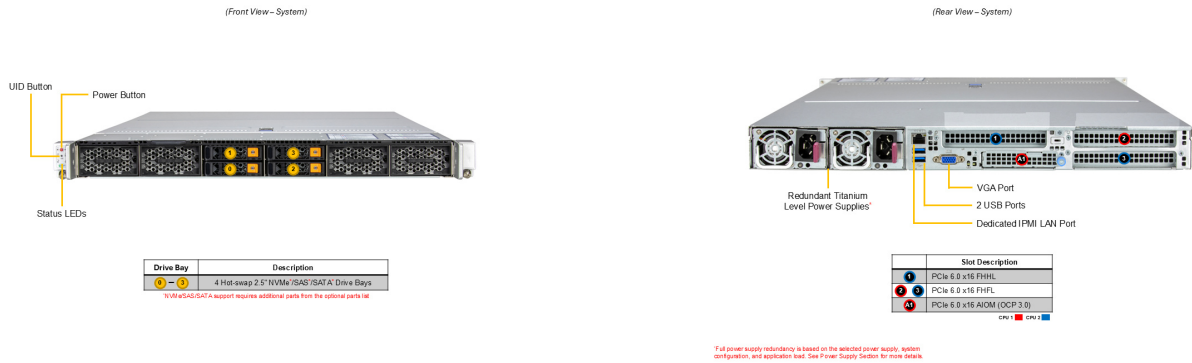
Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server, High Performance Computing (HPC),

Key Features

- Dual Socket AMD EPYC™ 9006 SP7 Series Processors up to 512 Cores;
- Supports up to 2 PCIe 6.0 x16 FHFL slots + 1 PCIe 6.0 x16 FHHL slot;
- Supports up to 32 DDR5 RDIMMs/MRDIMMs;
- Flexible networking with 1 AIOM slot (OCP 3.0 SFF compliant);
- Modular front drive bay design supporting up to 12 U.2/E1.S/E3.S hot-swappable NVMe drives;
- Dual Redundant Titanium Level power supplies (Power supply full redundancy based on configuration and application load);



Form Factor	1U Rackmount Enclosure: 437 x 43 x 778.7mm (17.2" x 1.7" x 30.66") Package: 672 x 224 x 1100mm (26.46" x 8.82" x 43.31")
Processor	Dual processor(s) AMD EPYC™ 9006 SP7 Series Processors Up to 512C/1024T
System 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
Drive Bays Configuration	Default: Total 12 bays • 12 front hot-swap 2.5" SAS*/SATA* drive bays Option A: Total 12 bays • 12 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays Option B: Total 12 bays • 12 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays Option C: Total 12 bays • 12 front hot-swap E1.S PCIe 6.0 NVMe* drive bays (*NVMe/SAS/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 1 PCIe 6.0 x16 FHHL slot • 2 PCIe 6.0 x16 FHFL slots • 1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) CXL Support: Up to 3 CXL 3.1 x16 devices
On-Board Devices	Network Connectivity: Via AIOM 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	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 3.0 ports (rear) 1 USB 3.0 port (front) Video: 1 VGA port TPM: 1 TPM header



System Cooling	Fans: Up to 8 counter-rotating 40x40x56mm Fan(s) Air Shroud: 2 Air Shrouds
Power Supply	2x 1600W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 64MB SPI Flash EEPROM BIOS Features: Plug and Play (PnP) USB Keyboard support ACPI 6.6 UEFI 2.11 SMBIOS 3.8 or later
Management	SuperCloud Composer® (SCC); 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!; IPMIView
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
Dimensions and Weight	Weight: Gross Weight: 43 lbs (19.5 kg) Net Weight: 19.2 lbs (8.7 kg) Available Color: Black front & silver body
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super H15DPH
Chassis	CSE-HS102-R000NP