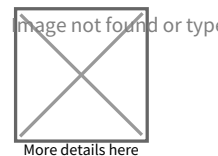


# Hyper A+ Server AS -1115HS-TNR



## Key Applications

Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server,

## Key Features

- 4th Generation AMD EPYC™ 9004 Series Processor;
- ASPEED AST2600;
- 24x DIMM slots, DDR5-4000MHz/3600MHz (2DPC) , up to 6TB; (12 x DIMM slots, DDR5-4800MHz (1DPC) , up to 3TB);
- 2 PCIe 5.0 x16 FH, 10.5"L; Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible); 1 PCIe 5.0 x16, FH, 6.6"L;
- 8 Hot-swap 2.5" NVMe/SAS/SATA (Option for up to 12 drives); (Optional parts required for NVMe/SAS/SATA configurations);
- 800/1200W Redundant Power Supplies (Titanium Level);(\*Full redundancy based on configuration and application load);
- 2 On-board PCIe Gen4 M.2 NVMe 80mm/110mm (Boot);



<b>Form Factor</b>	1U Rackmount Enclosure: 437 x 43 x 747mm (17.2" x 1.7" x 29.4") Package: 605 x 206 x 1032mm (23.8" x 8.1" x 40.6")
<b>Processor</b>	4th Gen AMD EPYC™ 9004 Series Processor Single Socket (Socket SP5) supported TDP up to W; 4 UPI (Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization)
<b>System Memory</b>	24 DIMM slots
<b>Drive Bays</b>	8x 2.5" hot-swap NVMe/SATA/SAS drive bays (Up to 12x 2.5" hot-swap NVMe/SATA/SAS support with additional parts) 2x NVMe (PCIe Gen4, Boot drive only) M-Key, 2280/22110
<b>Expansion Slots</b>	1 PCIe 5.0 x16 FH, 6.6"L slot(s) 2 PCIe 5.0 x16 FH, 10.5"L slot(s)
<b>On-Board Devices</b>	Chipset: System on Chip 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
<b>Input / Output</b>	LAN: 1 Dedicated IPMI LAN port USB: 3 USB 3.0 port(s) (2 rear; 1 front) Video: 1 VGA port(s)

System Cooling	8x 4cm heavy duty fan(s)
Power Supply	1U 800W/1200W Redundant Titanium CRPS w/PMBus power supply Dimension (W x H x L): 73.5 x 40 x 265 mm Output Type: 25 Pairs Gold Finger Connector
System BIOS	BIOS Type: AMI 256MB SPI Flash BIOS Features: USB Keyboard support
Management	SuperDoctor® 5; Watch Dog; SUM; SPM; SSM; IPMICFG; IPMIView for Linux/ Windows
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 Voltage: System temperature, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, CPU thermal trip support
Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 29.4" (747 mm) Gross Weight: 51 lbs (23.1 kg) Net Weight: 32 lbs (14.5 kg) Packaging: 8.1" (H) x 23.8" (W) x 40.6" (D) Available Color: Black front & silver body
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 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	<a href="#">Super H13SSH</a>
Chassis	CSE-HS119-R1K24P2-A