

CloudDC A+ Server AS -1115CS-TNR

1U CloudDC with 10 hot-swap 2.5" NVMe/SAS/SATA bays and 2 PCIe 5.0 x16 slots + 2 AIOM slots



More details here

Key Applications

Web Server, Firewall Application, Data Center Optimized, Value IaaS, Cloud Computing, Compact Server, DNS & Gateway Servers, Firewall Application, CDN, Edge Nodes,

Key Features

- Single AMD EPYC™ 9004 Series Processors;
- 2 PCIe 5.0 x16 FHHL;
- Dual AIOM with NCSI (OCP 3.0) for networking, 1 dedicated IPMI LAN;
- 10 Hot-swap 2.5" hybrid NVMe/SATA/SAS drive bays;



Form Factor

1U Rackmount
Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")
Package: 605 x 197 x 822mm (23.8" x 7.8" x 32.4")

Processor

Single Socket SP5
AMD EPYC™ 9004 Series Processors
Up to 128C/256T

GPU

Max GPU Count: Up to 2 single-width GPUs
Supported GPU: NVIDIA PCIe: L4, A2
CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
GPU-GPU Interconnect: PCIe

System Memory

Slot Count: 12 DIMM slots
Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM

Drive Bays Configuration

Default: Total 10 bays

- 10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bays

(*NVMe/SAS support may require additional storage controller and/or cables)
M.2: 2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)

Expansion Slots

Default

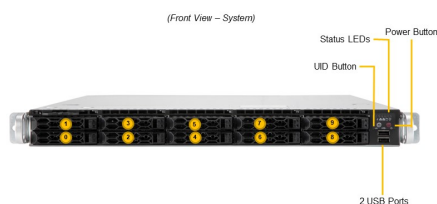
- 2 PCIe 5.0 x16 FHHL slots
- 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)

On-Board Devices

Chipset: System on Chip
Network Connectivity: Via Slim-AIOM

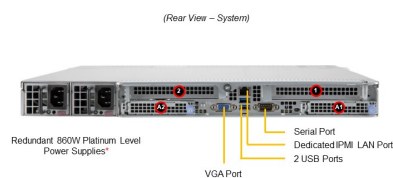
Input / Output

LAN: 1 RJ45 1 GbE Dedicated BMC LAN port
USB: 2 USB 3.0 ports(rear)
2 USB 2.0 ports(front)
Video: 1 VGA port
Serial: 1 COM port(Rear)
TPM: 1 TPM header



Slot	Description
1	2.5" Hot-Swap NVMe/SAS/SATA Drive Bays

*NVMe and SAS support requires additional parts in optional parts list



Slot	Description
1	PCIe 5.0 x16 (FHHL) Slot
2	PCIe 5.0 x16 (FHHL) Slot
3	PCIe 5.0 x16 A0M Slot (NCST)
4	PCIe 5.0 x16 A0M Slot

*Full redundancy based on configuration and application load

System Cooling	Fans: 6x 4cm heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud
Power Supply	2x 860W Redundant Platinum Level (94%) power supplies
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	SuperCloud Composer; 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!
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	Weight: Gross Weight: 46 lbs (20.9 kg) Net Weight: 25 lbs (11.3 kg) Available Color: Black front & silver body
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 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)
Motherboard	Super H13SSW
Chassis	CSE-LB16TS-R860AWP-A