

CloudDC A+ Server AS -1115CS-TNR-G1

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

Database Management

Gold Configuration Details

- CPU: 1x AMD EPYC™ 9454P (48C/2.75GHz)
- Memory: 12x 32GB DDR5-5600 (at 4800)
- M.2: 2x 960GB M.2 NVMe SSD
- NIC: 1x Dual 10GbE RJ45
- Power: 2x 860W Platinum Level



Base System Specs

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 processor(s) AMD EPYC™ 9004/9005 Series Processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
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 (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)
Drive Bays Configuration	2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)
On-Board Devices	Chipset: System on Chip Network Connectivity: Via 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

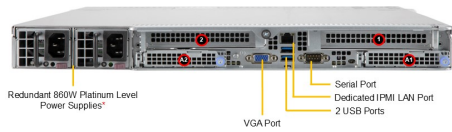
(Front View – System)



Drive Bay	Description
10 Hot-swap 2.5" NVMe/SAS/SATA Drive Bays	

*NVMe and SAS support requires additional parts from the optional parts list

(Rear View – System)



Slot	Slot Description
1	PCIe 5.0 x16 FHFL
2	PCIe 5.0 x16 FHFL
3	PCIe 5.0 x16 ACOM (OCP 3.0)
4	PCIe 5.0 x16 ACOM (OCP 3.0)

*Full redundancy based on configuration and application load.

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

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 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)

Motherboard

[Super H13SSW](#)

Chassis

CSE-LB16TS-R860AWP-A