

# CloudDC A+ Server AS -1015CS-TNR

1U CloudDC with 4 hot-swap 3.5" 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

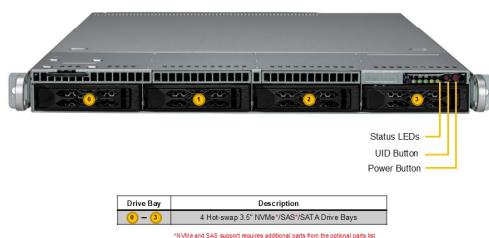
- Single AMD EPYC™ 9004/9005\* Series Processor  
(\*AMD EPYC™ 9005 series drop-in support requires board revision 2.x);
- Support up to DDR5 12 DIMM slots (1DPC), speed up to 6400MT/s  
(Please check System Memory Section for detail);
- 2 PCIe 5.0 x16 FHHL;
- Dual AIOM (OCP 3.0) for networking, 1 dedicated IPMI LAN;
- 4 Hot-swap 3.5"/2.5" SATA drive bays  
Optional 4 Hot-swap NVMe/SAS drives support via additional parts  
2 M.2 PCIe 3.0 x2 NVMe slots;
- Dual 860W Redundant Platinum Level power supplies  
(Power supply full redundancy based on configuration and application load);



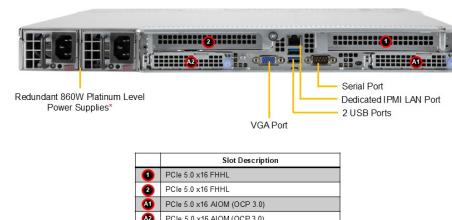
Form Factor	1U Rackmount Enclosure: 437 x 43 x 650mm (17.2" x 1.7" x 25.6") Package: 605 x 197 x 878mm (23.8" x 7.8" x 34.6")
Processor	Single processor(s) AMD EPYC™ 9004/9005 Series Processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
GPU	Max GPU Count: Up 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	Default: Total 4 bays • 4 front hot-swap 3.5"/2.5" SATA drive bays Option A: Total 4 bays • 4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays Option B: Total 4 bays • 4 front hot-swap 3.5"/2.5" SAS* drive bays (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details) 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 AIOM
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 3.0 ports(rear) Video: 1 VGA port Serial: 1 COM port(rear)



(Front View – System)



(Rear View – System)



**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-LA15TS-R860AWP2