

# CloudDC A+ Server AS -2015CS-TNR

2U CloudDC with 12 hot-swap 3.5" NVMe/SAS/SATA bays and 4 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);
- 2 PCIe 5.0 x16 FHFL + 2 PCIe 5.0 x16 FHHL + 2 PCIe 5.0 x8 FHFL(Optional);
- Dual AIOM (OCP 3.0) for networking, 1 dedicated IPMI LAN;
- 12 Hot-swap 3.5"/2.5" SATA drive bays  
Optional 4 Hot-swap NVMe or 12 SAS drives support via additional parts  
2 M.2 PCIe 3.0 x2 NVMe slots;



Form Factor	2U Rackmount Enclosure: 437 x 89 x 648mm (17.2" x 3.5" x 25.5") Package: 679 x 296 x 876mm (26.7" x 11.4" x 34.5")
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 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: L40, RTX A4000, RTX 6000 Ada Generation, L40S, L4, A40, A30, A16, A2, A100 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) Max Memory (1DPC): Up to 4.5TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor)
Drive Bays Configuration	Default: Total 12 bays <ul style="list-style-type: none"><li>• 12 front hot-swap 3.5"/2.5" SATA drive bays</li></ul> Option A: Total 4 bays <ul style="list-style-type: none"><li>• 4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays</li></ul> Option B: Total 12 bays <ul style="list-style-type: none"><li>• 12 front hot-swap 3.5"/2.5" SAS* drive bays</li></ul> (*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 <ul style="list-style-type: none"><li>• 2 PCIe 5.0 x16 FHFL slots</li><li>• 2 PCIe 5.0 x16 FHHL slots</li><li>• 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)</li></ul> Option A* <ul style="list-style-type: none"><li>• 2 PCIe 5.0 x8 FHFL slots</li></ul>
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) TPM: 1 TPM header

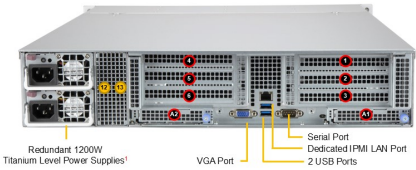
(Front View – System)



Drive Bay	Description
1 - 4	4 Hot-swap 3.5" HDD/SSD/SAS/SATA Drive Bays
5 - 8	8 Hot-swap 3.5" SAS/SATA Drive Bays

\*HVR support requires additional cables from the optional parts list.  
\*SAS support requires additional parts from the optional parts list.

(Rear View – System)



Redundant 1200W  
Titanium Level Power Supplies<sup>1</sup>

VGA Port  
Serial Port  
Dedicated IPMI LAN Port  
2 USB Ports

Slot	Description
1	PCIe 5.0 x16 FHFL
2	PCIe 5.0 x8 FHFL (optional) <sup>2</sup>
3	PCIe 5.0 x16 FHFL
4	PCIe 5.0 x16 AOM (OCP 3.0)
5	PCIe 5.0 x16 AOM (OCP 3.0)

Drive Bay	Description
9 - 10	2 Hot-swap 2.5" NVMe/SAS/SATA Drive Bays (optional) <sup>3</sup>

<sup>1</sup> Full redundancy based on configuration and application load.  
<sup>2</sup> PCIe slots 2 and 4 are not available with NVMe drive option.  
<sup>3</sup> Requires additional parts from the optional parts list, depending on drive option, using near drive bays may limit front drive and/or PCIe add options. Contact support for details.

System Cooling	Fans: 3x 8cm heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud
Power Supply	2x 1200W Redundant Titanium Level (96%) 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: 59 lbs (26.76 kg) Net Weight: 33 lbs (15 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	<a href="#">Super H13SSW</a>
Chassis	CSE-LA26TS-R1K23AWP1