

CloudDC A+ Server AS -2015CS-TNR-01-G2

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

Storage Hardware for IaaS

Gold Configuration Details

- CPU: 1x AMD EPYC™ 9455P (48C/3.15GHz)
- Memory: 768GB DDR5-6400
- Storage: 8x 24TB 3.5" SATA HDD
- Storage: 2x 3.8TB U.2 NVMe SSD
- Storage: 2x 240GB 2.5" SATA SSD
- NIC: 1x dual 25GbE SFP28
- Power: 2x 1200W Titanium Level



Base System Specs

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: A100, A16, A2, A30, A40, L4, L40, L40S, RTX 6000 Ada Generation, RTX A4000 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	(*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)
On-Board Devices	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

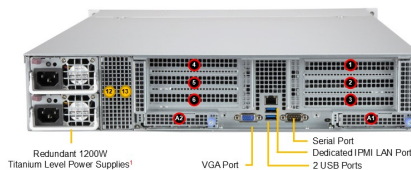
(Front View – System)



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

¹ HDD support requires additional cables from the optional parts list
² SAS support requires additional parts from the optional parts list

(Rear View – System)



Slot	Description
1	PCIe 5.0 x16 FRHL
2	PCIe 5.0 x8 FHFL (optional) ¹
3	PCIe 5.0 x16 FRHL
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) ²

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

System Cooling	Fans: Up to 3x 8cm heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud
Power Supply	2x 1200W Redundant (1 + 1) 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® (SCC); 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 Pulse Width Modulated (PWM) fan connectors Status monitor for speed control 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 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-LA26TS-RIK23AWP1