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, Cloud Computing, Value IaaS, Data Center, Content Delivery Network (CDN), DNS & Gateway Server, Edge Node, Firewall,



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 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;
- Dual 1200W Redundant Titanium Level power supplies
  (Power supply full redundancy based on configuration and application load);

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	Default: Total 12 bays • 12 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 12 bays • 12 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 FHFL slots • 2 PCIe 5.0 x16 FHHL slots • 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) Option A* • 2 PCIe 5.0 x8 FHFL slots
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

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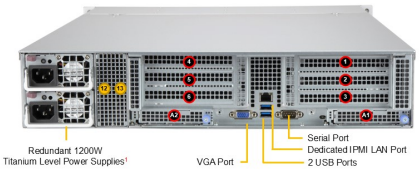
(Front View – System)



Drive Bay	Description
0 – 3	4 Hot-swap 3.5" NVMe[1]/SAS[2]/SATA Drive Bays
4 – 11	8 Hot-swap 3.5" SAS[2]/SATA Drive Bays

[1] NVMe 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, 5	PCIe 5.0 x16 FHFL
2, 6	PCIe 5.0 x8 FHFL (optional)[2]
3, 7	PCIe 5.0 x16 FHHL
A1	PCIe 5.0 x16 AIOM (OCP 3.0)
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

Drive Bay	Description
12 – 13	2 Hot-swap 2.5" NVMe/SAS/SATA Drive Bays (optional)[3]

[1] Full redundancy based on configuration and application load
[2] PCIe slots 2 and 4 are not available with NVMe drive option
[3] Requires additional parts from the optional parts list; depending on drive option, using rear 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 & sliver 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	**A+ Motherboard® H13SSW**
Chassis	**CSE-LA26TS-R1K23AWP1**

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