

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,

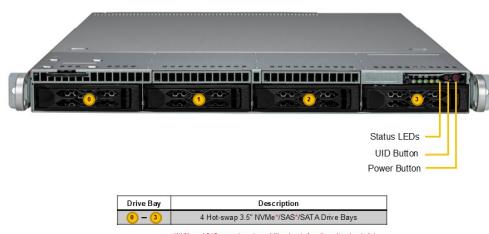
Key Features

- 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);

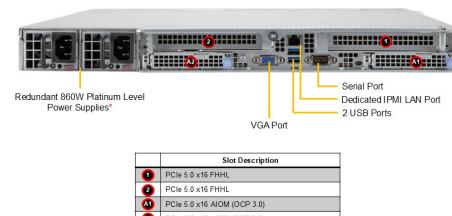


Form Factor	1U Rackmount Enclosure: 437 x 43 x 650mm (17.2" x 1.7" x 25.6") Package: 605 x 197 x 878mm (23.8" x 7.8" x 34.6")
Processor	Single processor(s) AMD EPYC™ 9004/9005 Series Processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
GPU	Max GPU Count: Up to 2 single-width GPUs Supported GPU: NVIDIA PCIe: A2, L4 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
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: 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