

# CloudDC A+ Server AS -1115CS-TNR

1U CloudDC with 10 hot-swap 2.5" 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;
- 10 Hot-swap 2.5" SATA drive bays  
Optional 10 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);



|                                 |   |
|---------------------------------|---|
| <b>Form Factor</b>              | 1U Rackmount<br>Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")<br>Package: 605 x 197 x 822mm (23.8" x 7.8" x 32.4")   |
| <b>Processor</b>                | Single processor(s)<br>AMD EPYC™ 9004/9005 Series Processors<br>(* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x)<br>Up to 160C/320T  |
| <b>GPU</b>                      | Max GPU Count: Up to 2 single-width GPUs<br>Supported GPU: NVIDIA PCIe: A2, L4<br>CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect<br>GPU-GPU Interconnect: PCIe  |
| <b>System Memory</b>            | Slot Count: 12 DIMM slots<br>Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor, MB R1.x/R2.0/R2.01)<br>Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.0)<br>Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.01)  |
| <b>Drive Bays Configuration</b> | Default: Total 10 bays <ul style="list-style-type: none"> <li>• 10 front hot-swap 2.5" SATA drive bays</li> </ul> Option A: Total 10 bays <ul style="list-style-type: none"> <li>• 10 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays</li> </ul> Option B: Total 10 bays <ul style="list-style-type: none"> <li>• 10 front hot-swap 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)<br>M.2: 2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110) |
| <b>Expansion Slots</b>          | Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x16 FHHL slots</li> <li>• 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)</li> </ul>   |
| <b>On-Board Devices</b>         | Chipset: AMD System on Chip<br>Network Connectivity: Via AIOM   |
| <b>Input / Output</b>           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>USB: 2 USB 3.0 ports(rear)<br>2 USB 2.0 ports(front)<br>Video: 1 VGA port   |



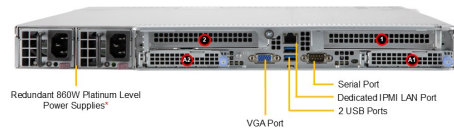
(Front View – System)



| Drive Bay | Description                                |
|-----------|--|
| 0 - 10    | 10 Hot-swap 2.5" 7MM SATA/SAS/A Drive Bays |

\*10 SATA and SAS support requires additional parts from the optional parts list

(Rear View – System)



| Slot | Slot Description            |
|------|-----------------------------|
| 1    | PCIe 5.0 x16 FH/FL          |
| 2    | PCIe 5.0 x16 FH/FL          |
| 3    | PCIe 5.0 x16 A1OM (OCP 3.0) |
| 4    | PCIe 5.0 x16 A1OM (OCP 3.0) |

\*All redundancy based on configuration and application load

|                       |   |
|-----------------------|---|
| System Cooling        | Fans: Up to 6x 4cm heavy duty fans with optimal fan speed control<br>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<br>BIOS Features: ACPI 6.4<br>Plug and Play (PnP)<br>SMBIOS 3.5 or later<br>UEFI 2.8<br>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<br>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: Monitoring for CPU and chassis environment<br>Thermal Control for fan connectors<br>Voltage:<br>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)<br>Net Weight: 25 lbs (11.3 kg)<br>Available Color: Black front & silver body  |
| Operating Environment | Operating Temperature: 10°C to 35°C (50°F to 95°F)<br>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-operating Relative Humidity: 5% to 95% (non-condensing)   |
| Motherboard           | <a href="#">Super H13SSW</a>  |
| Chassis               | CSE-LB16TS-R860AWP-A  |