

CloudDC SuperServer SYS-121C-TN2R



More details here

Key Applications

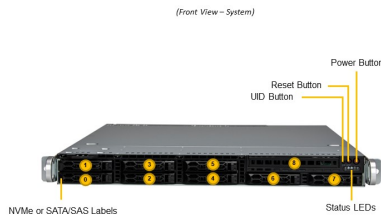
Web Server, Firewall Application, Data Center Optimized, Value IaaS, Cloud Computing, Compact Server, DNS & Gateway Servers, Firewall Application, CDN, Edge Nodes,

Key Features

- Dual sockets E (LGA-4677) 4rd Gen Intel® Xeon® Scalable processors;
- 16 DIMMs up to 4TB 3DS ECC DDR5-4800: RDIMM;
- 2 PCIe 5.0 x16 FHHL; 2 PCIe 5.0 x16 AIOM (OCP 3.0); 2 PCIe 5.0 x4 NVMe M.2;
- Dual AIOM with NCSI (OCP 3.0) for networking, 1 dedicated IPMI LAN;
- 8x 2.5" hot-swap SATA/SAS w/ 2x hybrid NVMe drive bays;
- 1 VGA, 1 COM, 2 USB 3.0 (rear);

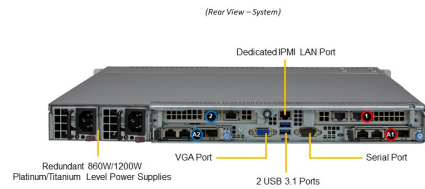


| | |
|------------------|---|
| Form Factor | 1U Rackmount Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5") Package: 605 x 197 x 822mm (23.8" x 7.8" x 32.4") |
| Processor | 4th Gen Intel® Xeon® Scalable processors Dual Socket LGA-4677 (Socket E) supported 4 UPI (CPUs with high TDP (air cooled) only supported under specific conditions. Contact Technical Support for details, Supports up to 270W TDP CPUs (Aircooled)) |
| System Memory | 16 DIMM slots Up to 4 TB ECC RDIMM, DDR5-4800MHz |
| Drive Bays | 8x 2.5" hot-swap NVMe/SATA/SAS hybrid drive bays; Optional RAID support via RAID controller AOC |
| Expansion Slots | 2 PCIe 5.0 x16 FHHL slot(s) |
| On-Board Devices | SATA: SATA3 (6Gbps); RAID 0/1/5/10 support NVMe: NVMe Chipset: Intel® C741 Network Connectivity: with Via Advanced IO Module, AIOM (OCP 3.0 NIC, refer to AIOM Network Card(s) under Optional Parts List for NIC options) IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support |
| Input / Output | LAN: 1 Dedicated IPMI LAN port USB: 2 USB 3.0 port(s) (2 rear) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear) |



| Drive Bay | Description |
|-----------|--|
| 1 - 3 | 2.5" Hot-swap SATA/SAS* Drive Bays |
| 4 - 7 | 2.5" Hot-swap NVMe** Hybrid Drive Bays |
| 8 | Slim DVD** Bay |

*Storage drives require specific cables from the optional parts list
 **DVD requires additional parts from the optional parts list



| Slot | Slot Description |
|------|-----------------------------|
| 1 | PCIe 5.0 x16 (FR) |
| 2 | PCIe 5.0 x16 AIOM (DCP 3.0) |

| Slot | Slot Description |
|------|-----------------------------|
| 1 | PCIe 5.0 x16 (FR) |
| 2 | PCIe 5.0 x16 AIOM (DCP 3.0) |

CPU1
CPU2

| | |
|-----------------------|---|
| System Cooling | 6x 4cm heavy duty fan(s) |
| Power Supply | 800W/860W 1U redundant power supply Dimension (W x H x L): 54.5 x 40.25 x 322 mm Output Type: Backplanes (gold finger) |
| System BIOS | BIOS Type: AMI 32MB SPI FLASH ROM |
| Management | SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; IPMI 2.0; Redfish API; SCC |
| PC Health Monitoring | CPU: 4+1 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory. Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors FAN: Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Fans with tachometer monitorin |
| Dimensions and Weight | Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 23.5" (597 mm) Gross Weight: 40 lbs (18.1 kg) Net Weight: 25 lbs (11.3 kg) Packaging: 7.8" (H) x 23.8" (W) x 32.4" (D) Available Color: Black front & sliver 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 | Super X13DDW-A |
| Chassis | CSE-LB13AC2-R860AW2 |