

CloudDC SuperServer SYS-120C-TR



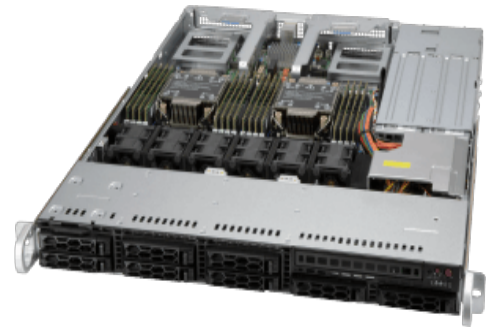
More details here

Key Applications

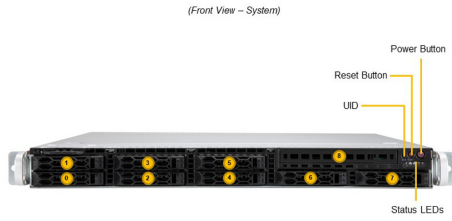
Web Server, Firewall Application, Data Center Optimized, Value IaaS, Cloud Computing, Compact Server, DNS & Gateway Servers, Firewall Application, CDN, Edge Nodes,

Key Features

- Dual sockets P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors;
- Intel® C621A Chipset;
- 16 DIMMs up to 6TB 3DS ECC DDR4-3200: LRDIMM/RDIMM/Intel® DCPMM;
- 2 PCIe 4.0 x16 FHHL; 2 PCIe 3.0 x2 NVMe M.2;
- Dual AIOM (OCP 3.0) slots with NCSI for networking, 1 dedicated IPMI LAN;
- 8x 2.5" hot-swap SATA/SAS drive bays;
- 6 counter-rotating 4 cm PWM fans with optimal fan speed control, 2 air shrouds;
- 860W redundant Platinum level 100-240Vac and 200-240 Vdc power supplies;
- 1 VGA, 1 COM, 2 USB 3.0 (rear);

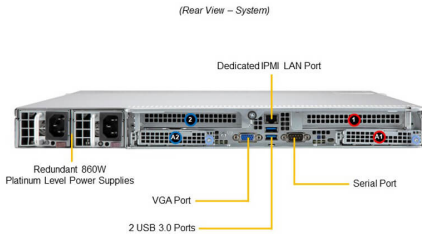


Form Factor	1U Rackmount Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5") Package: 602 x 196 x 808mm (23.7" x 7.7" x 31.8")
Processor	Dual Socket P4 (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB Cache per CPU
GPU	Max GPU Count: Up to 2 double-width or 2 single-width GPU(s) Supported GPU: Intel PCIe: Intel Data Center GPU Flex 140 NVIDIA PCIe: A2,L4
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM;LRDIMM;PMEM Supports Intel® Optane™ persistent memory 200 series
Drive Bays	8x 2.5" hot-swap SATA/SAS drive bays 2x PCIe 3.0 x2 M-Key, 2280
Expansion Slots	2 PCIe 4.0 x16 FHHL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1/5/10 support Chipset: Intel® C621A Network Connectivity: with Advanced IO Module, AIOM (OCP 3.0 NIC, refer to AIOM Network Card(s) under Optional Parts List for 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) DOM: 1 SuperDOM (Disk on Module) port



Drive Bay	Description
0 - 7	2.5" Hot-swap SATA/SAS/SAS3 Drive Bays
8	Slim DVD Bay

*SAS3 or DVD support requires additional parts from the optional parts list



Slot Description	Slot Description
PCI-E 4.0 x16 FH/FL	PCI-E 4.0 x16 FH/FL
PCI-E 4.0 x16 AOM (OCP 3.0)	PCI-E 4.0 x16 AOM (OCP 3.0)

CPU2

CPU1

System Cooling	Fans: 6x 4cm heavy duty fans with optimal fan speed control Air Shroud: 2 Air Shroud(s)
Power Supply	860W Redundant Platinum Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI FLASH ROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors CPU: Monitors for CPU Cores, Chipset Voltages, Memory. 8 Phase-switching voltage regulator
Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 23.5" (597 mm) Gross Weight: 40 lbs (18.14 kg) Packaging: 7.7" (H) x 23.7" (W) x 31.8" (D) Available Color: Black
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 X12DDW-A6
Chassis	CSE-LB13AC2-R860AW