CloudDC SuperServer SYS-611C-TN4R

1U DP CloudDC with 4 hot-swap 3.5" NVMe/SAS/SATA bays and 2 PCIe 5.0 x16 slots + 2 PCIe 5.0 x16 AIOM slots

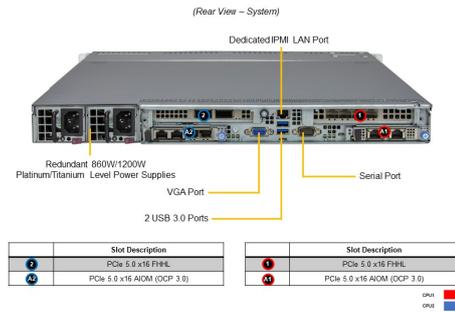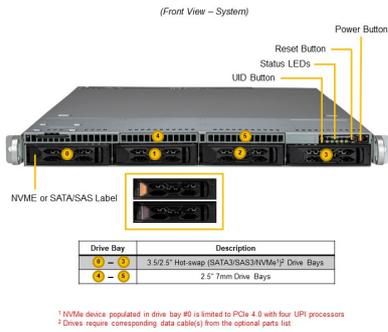More details here

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

- Dual sockets E (LGA-4677) 5th and 4th Gen Intel® Xeon® Scalable processors;
- 16 DIMMs up to 4TB 3DS ECC DDR5-5600: RDIMM;
- 2 PCIe 5.0 x16 FHHL; 2 PCIe 5.0 x4 NVMe M.2;
- Dual AIOM (OCP 3.0) slots with NCSI for networking, 1 dedicated IPMI LAN;
- 4x 3.5/2.5" hot-swap hybrid NVMe/SATA/SAS drive bays;
- 6 counter-rotating 4 cm PWM fans with optimal fan speed control, 2 air shrouds;
- 860W redundant Titanium 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 650mm (17.2" x 1.7" x 25.6") Package: 605 x 197 x 878mm (23.8" x 7.8" x 34.6")
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon®4th Gen Intel® Xeon® Scalable processors Up to 36C/72T; Up to 82.5MB Cache per CPU
GPU	Max GPU Count: Up to 2 single-width GPUs Supported GPU: NVIDIA PCIe: A2, L4 Intel PCIe: Intel Data Center GPU Flex 140
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 4 bays • 4 front hot-swap 3.5" NVMe*/SAS*/SATA* drive bays Option A: Total 4 bays • 4 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays (*NVMe/SAS/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280(default); VROC required for RAID) Peripheral Bays: 2 2.5" peripheral bays (optional)
Expansion Slots	Default • 2 PCIe 5.0 x16 FHHL slots • 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support NVMe: NVMe; RAID 0/1/5/10 support(VROC HW key required) Network Connectivity: Via AIOM
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 3.2 Gen1 Type-A ports(rear) Video: 1 VGA port Serial: 1 COM port(Rear) TPM: 1 TPM header

(Front View – System)

Power Button
Reset Button
Status LEDs
UID Button

NVME or SATA/SAS Label

Drive Bay	Description
0 – 3	3.5/2.5" Hot-swap (SATA3/SAS3/NVMe¹)² Drive Bays
4 – 5	2.5" 7mm Drive Bays

¹ NVMe device populated in drive bay #0 is limited to PCIe 4.0 with four UPI processors
² Drives require corresponding data cable(s) from the optional parts list

(Rear View – System)

Dedicated IPMI LAN Port

Redundant 860W/1200W
Platinum/Titanium Level Power Supplies

VGA Port
2 USB 3.0 Ports
Serial Port

	Slot Description
7	PCIe 5.0 x16 FHHL
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

	Slot Description
1	PCIe 5.0 x16 FHHL
A1	PCIe 5.0 x16 AIOM (OCP 3.0)

CPU1
CPU2

System Cooling

Fans: Up to 6x 4cm heavy duty fans with optimal fan speed control
Air Shroud: 2 Air Shrouds

Power Supply

2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies

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System BIOS

BIOS Type: AMI 32MB SPI FLASH ROM

Management

SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!

PC Health Monitoring

CPU: 8 Phase-switching voltage regulator
  Monitors for CPU Cores, Chipset Voltages, Memory.
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

Dimensions and Weight

Weight: Gross Weight: 46 lbs (20.9 kg)
  Net Weight: 25 lbs (11.3 kg)
Available Color: Black front & sliver body

Operating Environment

RoHS Compliant
Name: A2
Operating Temperature: 10°C to 35°C (50°F to 95°F)
Non-operating Temperature: -30°C to 60°C (-40°F to 140°F)
Operating Relative Humidity: 8% to 80% (max 21° DP; non-condensing)
Non-operating Relative Humidity: 8% to 90% (max 38° DP; non-condensing)

Motherboard

Super X13DDW-A

Chassis

CSE-LA15TS-R0AWNP2