CloudDC SuperServer SYS-222C-TN

2U CloudDC with DC-MHS, 24 hot-swap 2.5” NVMe/SATA/SAS bays, 6 PCIe 5.0 x16/x8 slots and 2 PCIe 5.0 x16 AIOM slots

More details here

Key Applications

Cloud Computing, Value IaaS, Data Center, Private & Hybrid Cloud, Cloud Solution Provider (CSP), High Performance Computing (HPC), Networking Security Appliance,

Key Features

- Designed for Data Center Modular Hardware Systems (DC-MHS) to simplify CSP deployments and serviceability;
- Optimized power & balanced performance for cloud applications;
- Server management flexibility with OpenBMC;

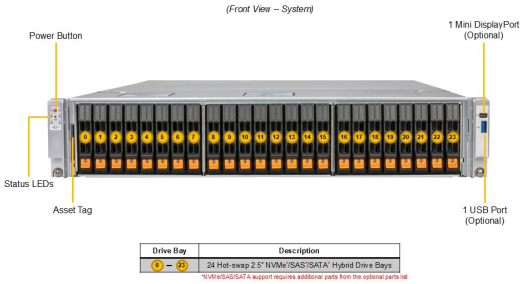


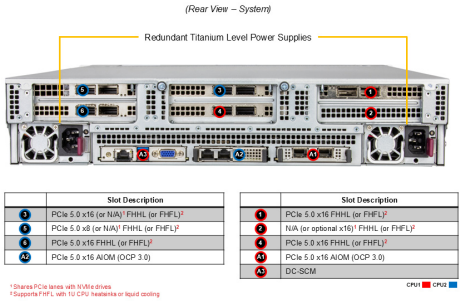
Form Factor	2U Rackmount Enclosure: 438 x 88 x 780mm (17.25" x 3.47" x 30.7") Package: 597 x 239 x 1097mm (23.5" x 9.4" x 43.2")
Processor	Dual Socket E2 (LGA-4710) Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores P-cores: Up to 86C/172T; Up to 336MB Cache per CPU E-cores: Up to 144C/144T; Up to 108MB Cache per CPU
GPU	Max GPU Count: Up to 2 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: H200 NVL (141GB), L4, L40S, NVIDIA RTX PRO™ 4500 Blackwell Server Edition, NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition, NVIDIA RTX PRO™ 6000 Blackwell Server Edition, RTX 2000 Ada, RTX 4000 Ada Generation
System Memory	Slot Count: 32 DIMM slots Max Memory (1DPC): Up to 4TB 6400MT/s ECC DDR5 RDIMM Max Memory (1DPC): Up to 1TB 8000MT/s ECC DDR5 MRDIMM (P-core only) Max Memory (2DPC): Up to 8TB 6000MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 8 bays • 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe*/SAS*/SATA* drive bays Option A: Total 16 bays • 16 front hot-swap 2.5" PCIe 5.0 x4 NVMe*/SAS*/SATA* drive bays Option B: Total 24 bays • 24 front hot-swap 2.5" PCIe 5.0 x4 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 x2 NVMe slots (M-key 22110(default)/2280; VROC required for RAID)
Expansion Slots	Default • 4 PCIe 5.0 x16 (in x16) FHFL slots • 1 PCIe 5.0 x8 (in x16) FHFL slot • 2 PCIe 5.0 x16 (in x16) AIOM slots (OCP 3.0 compatible) Option A • 2 PCIe 5.0 x16 (in x16) FHFL slots • 1 PCIe 5.0 x8 (in x16) FHFL slot • 2 PCIe 5.0 x16 (in x16) AIOM slots (OCP 3.0 compatible) Option B

- 6 PCIe 5.0 x16 (in x16) FHFL slots
- 2 PCIe 5.0 x16 (in x16) AIOM slots (OCP 3.0 compatible)

On-Board Devices	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: 1 USB 2.0 Type-A port (Rear) 1 USB 3.2 Gen1 Type-A port (Rear) Video: 1 VGA port (Rear) TPM: 1 TPM header

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System Cooling	Fans: Up to 4x 8cm heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud
Power Supply	2x 2000W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 64MB SPI Flash ROM
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Dimensions and Weight	Weight: Gross Weight: 83.78 lbs (38 kg) Net Weight: 61.73 lbs (28 kg) Available Color: Silver
Operating Environment	RoHS Compliant Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -30°C to 60°C (-30°F to 140°F) Operating Relative Humidity: 8% to 80% (Non-Condensing) Non-operating Relative Humidity: 8% to 90% (Non-Condensing)
Motherboard	**Super X14DBHM**
Chassis	**CSE-DC201TS-R000NP**

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