CloudDC SuperServer SYS-122C-TN

1U CloudDC with DC-MHS, 12 hot-swap 2.5” NVMe/SATA/SAS bays, 3 PCIe 5.0 x16/x8 slots and 2 PCIe 5.0 x16 AIOM slots

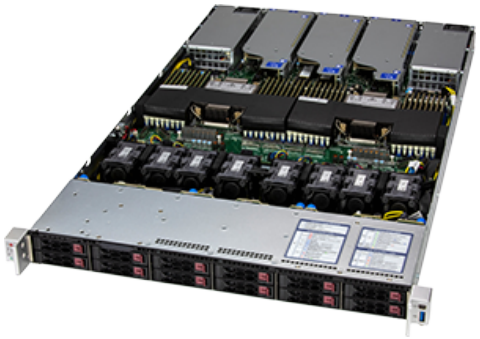
More details here

Key Applications

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

Key Features

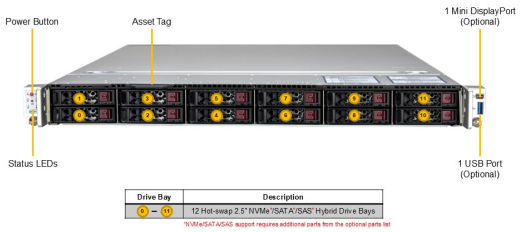
- Designed for Data Center Modular Hardware Systems (DC-MHS) to simplify CSP deployments and serviceability;
- Optimized power & balanced performance for cloud applications;
- Server management flexibility with OpenBMC;



Form Factor	1U Rackmount Enclosure: 438.4 x 43.6 x 755.1mm (17.2" x 1.7" x 29.7") Package: 580 x 185 x 1080mm (22.83" x 7.28" x 42.5")
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 3 single-width GPUs Supported GPU: NVIDIA PCIe: A1000, L4
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 Max Memory (2DPC): Up to 8TB 6000MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 12 bays • 12 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 x2 NVMe slots (M-key 22110(default)/2280; VROC required for RAID)
Expansion Slots	Default • 2 PCIe 5.0 x16 LP slots • 1 PCIe 5.0 x8 LP slot • 2 PCIe 5.0 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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(Front View – System)



Drive Bay	Description
0 – 11	12 Hot-swap 2.5" NVMe/SATA/SAS* Hybrid Drive Bays

*NVMe/SATA/SAS support requires additional parts from the optional parts list

(Rear View – System)



	Slot Description
2	PCIe 5.0 x16 LP
3	PCIe 5.0 x8 LP
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

	Slot Description
1	PCIe 5.0 x16 LP
A1	PCIe 5.0 x16 AIOM (OCP 3.0)
A3	DC-SCM

CPU1 CPU2

System Cooling	Fans: Up to 8x 4cm heavy duty fans with optimal fan speed control Air Shroud: 2 Air Shrouds
Power Supply	2x 1000W 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: 41 lbs (18.6 kg) Net Weight: 31 lbs (14.1 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-DC101TS-R000NP**

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