

MicroCloud SuperServer SYS-530MT-H8TNR

3U 8-Node MicroCloud with 2 hot-swap 3.5" NVMe/SAS/SATA drives per node



Key Applications

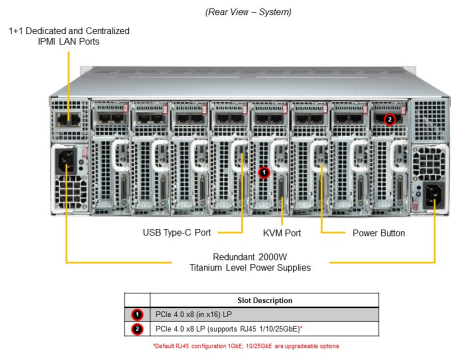
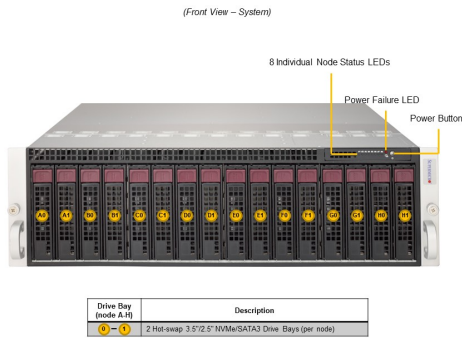
Cloud Computing, Web Hosting/VM, Online Game Server Hosting, IT Infrastructure, Web Cache, Social Networking,

Key Features

- 8 set of Intel® Xeon® E-2300 series and Pentium processor;
- Intel® C256;
- 8 set of Up to 128GB ECC/non ECC UDIMM; DDR4 3200MHz, in 4 DIMM sockets;
- 8 set of PCIe 4.0 x8 (in x16 slot) low profile slot and 8 set of Micro-LP slots (MicroLP upgradable);
- 8 set of Dual 1GbE LAN Ports;
- 8 set of 2x Front Hot-swappable 3.5" SATA3 HDD or Hybrid 2x 2.5" SAS/SATA3/NVMe U.2 drives w/ option kits;
- 2000W Redundant Titanium Level high-efficiency power supplies;



Form Factor	3U Rackmount Enclosure: 438 x 132 x 589mm (17.26" x 5.21" x 23.2") Package: 667 x 295.91 x 863.6mm (26.26" x 11.65" x 34")
Processor	Single Socket H5 (LGA-1200) Intel® Xeon® processor E-2300 series and 10th Gen. Pentium® Processors Up to 8C/16T; Up to 16MB Cache
GPU	Max GPU Count: Up to 1 single-width GPU Supported GPU: NVIDIA PCIe: A2, L4, T4
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 3200MT/s ECC DDR4 UDIMM
Drive Bays Configuration	Default: Total 2 bays • 2 front hot-swap 3.5" NVMe/SAS/SATA drive bays M.2: 2 M.2 NVMe/SATA slots (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 4.0 x8 MicroLP slot • 1 PCIe 4.0 x8 (in x16) LP slot
On-Board Devices	SATA: SATA (6Gbps) via Intel® C256; RAID 0/1/5/10 support Network Connectivity: No NIC option supported
Input / Output	LAN: 2 RJ45 1 GbE LAN ports USB: 2 USB 2.0 ports 1 Type-C port (front) Video: 1 port



System Cooling	Fans: Up to 4 Heavy Duty 8cm Fan(s) Air Shroud: 8 Air Shrouds
Power Supply	2x 2000W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	SuperCloud Composer® (SCC); 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: 3-Phase-switching voltage regulator with auto-sense from 0.5V-2.3V Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages. Fan: Fan speed control, Dual Cooling Zone Temperature: Monitoring for CPU and chassis environment
Dimensions and Weight	Weight: Gross Weight: 88 lbs (39.92 kg) Net Weight: 62.2 lbs (28.21 kg) Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12STD-F
Chassis	CSE-938NH-R2K04BP2