

# Microcloud SuperServer SYS-530MT-H12TRF



More details here

## Key Applications

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

## Key Features

- 12 set of Intel® Xeon® E-2300 series and Pentium processor;
- Intel® C256;
- 12 set of Up to 128GB ECC/non ECC Very Low Profile UDIMM; DDR4 3200MHz, in 4 DIMM sockets;
- 12 set of PCIe 4.0 x8 Micro-LP slots (MicroLP upgradable);
- 12 set of Dual 1GbE LAN Ports;
- 12 set of 2x internal 3.5" SATA3 (6Gbps) (or) 4x 2.5" SATA3 drives with 2x Hybrid NVMe U.2; Intel® RSTe RAID;
- 4x 8cm Heavy duty fans with optimal cooling zone;
- 2200W Redundant Titanium Level high-efficiency power supplies with PMBus;



<b>Form Factor</b>	3U Rackmount Enclosure: 444.5 x 132.5 x 749.3mm (17.5" x 5.21" x 29.5") Package: 720.09 x 408.94 x 1075.944mm (28.35" x 16.1" x 42.36")
<b>Processor</b>	Single Socket H5 (LGA-1200) Intel® Xeon® processor E-2300 series and 10th Gen. Pentium® Processors Up to 8C/16T; Up to 16MB Cache
<b>System Memory</b>	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 3200MT/s ECC DDR4 UDIMM
<b>Drive Bays Configuration</b>	Default: Total 2 bay(s) <ul style="list-style-type: none"> <li>• 2 internal fixed 3.5" NVMe/SAS drive bay(s)</li> </ul> Option A: Total 4 bay(s) <ul style="list-style-type: none"> <li>• 4 internal fixed 2.5" NVMe/SATA drive bay(s)</li> </ul> M.2: 1 M.2 SATA slot(s) (M-key 2280/22110)
<b>Expansion Slots</b>	Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x8 MicroLP slot(s)</li> </ul>
<b>On-Board Devices</b>	SATA: SATA (6Gbps) via Intel® C256; RAID 0/1/5/10 support Chipset: Intel® C256 Network Connectivity: No NIC option supported
<b>Input / Output</b>	LAN: 2 RJ45 1 GbE LAN port(s) (Intel® I350) USB: 2 USB 2.0 port(s) 1 Type-C port(s) (front) Video: 1 port(s) DOM: 1 SATA <a href="#">DOM</a> (Disk on Module) port(s)



System Cooling	Fans: 4 Heavy Duty 9cm Fan(s)
Power Supply	1x 2200W Redundant Titanium Level power supply
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; TAS: Supermicro Thin-Agent Service (TAS); SAA(new!)
PC Health Monitoring	Temperature: Monitoring for CPU and chassis environment CPU: Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages. 3-Phase-switching voltage regulator with auto-sense from 0.5V-2.3V FAN: Fan speed control, Dual Cooling Zone
Dimensions and Weight	Weight: Gross Weight: 125 lbs (56.7 kg) Net Weight: 95 lbs (43.09 kg) Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: 10°C ~ 35°C (50°F ~ 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	<a href="#">Super X12STE-F</a>
Chassis	<b>CSE-939HN-R2K20BP</b>