

# Microcloud SuperServer SYS-531MC-H8TNR



More details here

## Key Applications

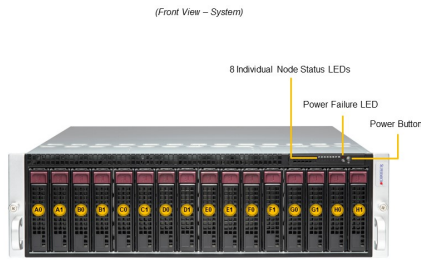
Cloud Computing, Web Hosting, VM, Online Game Server Hosting, IT Infrastructure, Web Cache, Social Networking,

## Key Features

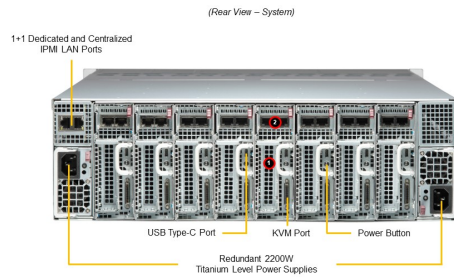
- Intel® Xeon® E-2400/Pentium® Processor Single Socket LGA-1700 (Socket V0) supported, CPU TDP supports Up to 95W TDP \*Pentium® G7400 and G7400T;
- Intel® C266;
- 8 set of Up to 128GB ECC UDIMM; DDR5 4400MHz, in 4 DIMM sockets;
- 8 set of PCIe 5.0 x8 (in x16 slot) low profile slot and 8 set of PCIe 4.0 x8 Micro-LP slots (MicroLP upgradable);
- 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;
- 2200W Redundant Titanium Level high-efficiency power supplies;



<b>Form Factor</b>	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")
<b>Processor</b>	Single LGA-1700 Intel® Xeon® E-2400/Pentium® G7400 and G6400T Processors
<b>GPU</b>	Up to 1 single-width GPU(s)
<b>System Memory</b>	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 4400MT/s ECC DDR5 UDIMM
<b>Drive Bays Configuration</b>	Default: Total 2 bay(s) • 2 front hot-swap 3.5" NVMe/SAS/SATA drive bay(s) M.2: 2 M.2 NVMe/SATA slot(s) (M-key 2280/22110)
<b>Expansion Slots</b>	Default • 1 PCIe 5.0 x8 (in x16) LP slot(s) • 1 PCIe 4.0 x8 (in x8) MicroLP slot(s)
<b>On-Board Devices</b>	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support Chipset: Intel® C266 Network Connectivity: No NIC option supported IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
<b>Input / Output</b>	USB: 1 Type-C port(s) (front) 2 USB 2.0 Type-A port(s) Video: 1 port(s)



Drive Bay (Inside A-R)	Description
(S) – (R)	2 Hot-swap 3.5" SATA3 Drive Bays (per node)



Slot	Slot Description
(S)	PCH: 5.0 x8 (in x16) LP
(R)	PCH: 4.0 x8 Micro LP

\*Supports single and dual 10GbE/100GbE/200GbE LAN cards.

System Cooling	Fans: 4 Heavy Duty 8cm Fan(s)
Power Supply	2200W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; KVM with dedicated LAN; IPMI 2.0
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: 88 lbs (39.92 kg) Net Weight: 62.2 lbs (28.21 kg) Available Color: N/A
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: 8% to 95% (non-condensing)
Motherboard	<a href="#">Super X13SCD-F</a>
Chassis	<b>CSE-938NH-R2K20BP2</b>