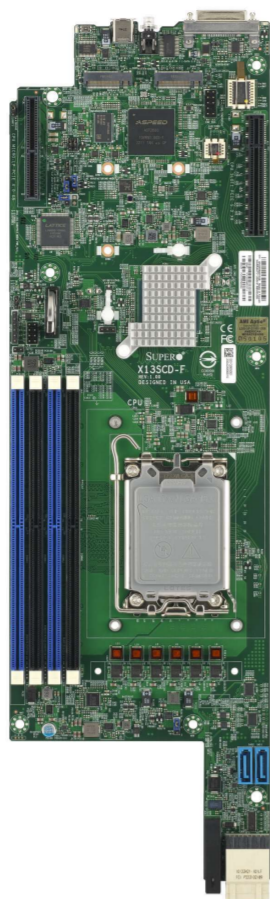


# X13SCD-F (For SuperServer Only)

Print



**X13 MicroCloud**

### Key Features

1. Intel® Xeon® E-2400 Series Processor, Pentium® Processor, Single Socket LGA-1700 (Socket V0) supported, CPU TDP supports Up to 95W TDP
2. Up to 128GB ECC Unbuffered DIMM, DDR5-4400MHz, in 4 DIMM slots
3. 1 PCIe 4.0 x8 (Micro Low Profile)  
1 PCIe 5.0 x8 (Low Profile, Open End)
4. 1 VGA Port; 2 USB 2.0 Ports; 1 Serial Port via KVM Connector
5. **M.2 Interface:** 2x SATA3/PCIe 4.0 x4, **M.2 Form Factor:** 2242/2280, 22110 for one slot only
6. 1 Dedicated IPMI LAN via Backplane to the Centralized Management Port

### Optimized Servers

[SYS-531MC-H8TNR](#)

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## Specifications Resources Parts List

### Product SKUs

**MBD-X13SCD-F**

### Physical Stats

<b>Form Factor</b>	Proprietary
<b>Dimension</b>	4.75" x 15.69" (12.07cm x 39.85cm)

### Processor

<b>CPU</b>	Intel® Xeon® E-2400/Pentium® Processor Single Socket V0 (LGA-1700) supported, CPU TDP supports Up to 95W TDP *Pentium® G7400 and G7400T
<b>Core</b>	Up to 8 cores

### System Memory

<b>Memory Capacity</b>	4 DIMM slots Up to 128GB Unbuffered ECC UDIMM, DDR5-4400MT/s
<b>Memory Type</b>	4400/4000/3600 MT/s Up to 128GB of memory with speeds of up to 4400MT/s (2DPC)
<b>DIMM Sizes</b>	8GB, 16GB, 32GB
<b>Memory Voltage</b>	1.1V
<b>Error Detection</b>	Detects double-bit errors (using ECC memory)

### On-Board Devices

<b>Chipset</b>	Intel® C266
<b>SATA</b>	Intel® C266 controller for 2 SATA3 (6 Gbps) ports; RAID 0,1
<b>IPMI</b>	ASPEED AST2600 BMC
<b>Network Controllers</b>	N/A

### Input / Output

<b>SATA</b>	2 SATA port(s)
<b>USB</b>	1 USB 3.2 Gen2 port(s) (1 type C) 2 USB 2 port(s) (2 rear Via KVM connector)
<b>Video Output</b>	1 VGA port(s) Via KVM connector
<b>Serial Port</b>	1 COM Port(s) (1 Serial Port Via KVM connector)
<b>TPM</b>	1 TPM Header & Chip both

### Expansion Slots

<b>PCIe</b>	1 PCIe 5.0 x8 (Low Profile), 1 PCIe 4.0 x8 (Micro Low Profile)
<b>M.2</b>	M.2 Interface: 2 SATA/PCIe 4.0 x4 Form Factor: 2242/2280/22110 Key: M-Key

### System BIOS

<b>BIOS Type</b>	AMI 32MB AMI UEFI
<b>BIOS Features</b>	ACPI 6.4 SMBIOS 3.5 UEFI 2.8 Plug and Play (PnP) PCI FW 3.3

### Management

<b>Software</b>	<a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Supermicro Update Manager (SUM)</a> , <a href="#">Supermicro SuperDoctor® 5 (SD5)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">SuperServer Automation Assistant (SAA) New!</a>
<b>Power Configurations</b>	ACPI Power Management, Power-on mode control for AC power loss recovery, Power button override mechanism, Wake-On-LAN

### PC Health Monitoring

<b>Voltage</b>	VBAT, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, VRM temperature, CPU thermal trip support, 1.8V standby, 1-fan status
<b>LED</b>	UID/Remote UID Power LED BMC/IPMI Heartbeat LED CPU / System Overheat LED
<b>Temperature</b>	Monitoring for CPU and chassis environment CPU thermal trip support PECI
<b>FAN</b>	Fan speed control

### Operating Environment

<b>Operating Temperature Range</b>	10°C - 35°C (50°F - 95°F)
<b>Non-Operating Temperature Range</b>	-40°C - 70°C (-40°F - 158°F)
<b>Operating Relative Humidity Range</b>	8% - 90% (non-condensing)
<b>Non Operating Relative Humidity Range</b>	5% - 95% (non-condensing)

Certain products may not be available in your region

Global SKU **English**

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