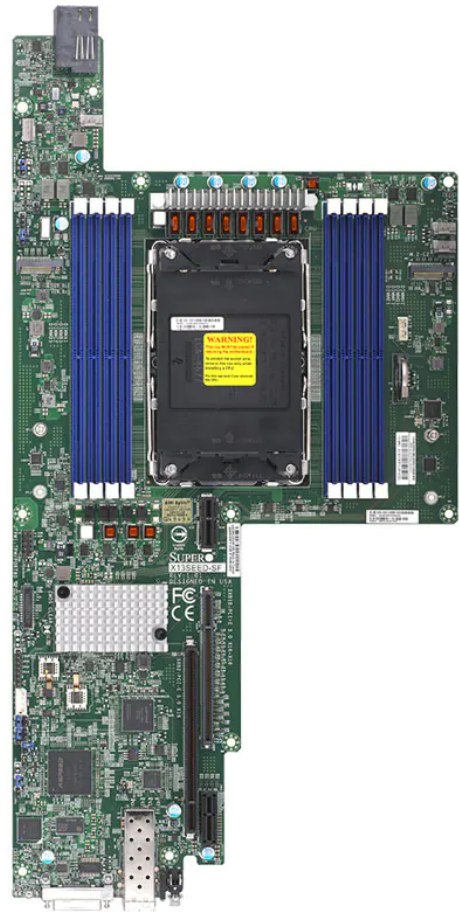


X13SEED-SF



**SuperEdge 2U/3Node
Short Depth
3 PCIe Slots**

Key Features

- 5th/4th Gen Intel® Xeon® Scalable processors, Single Socket LGA-4677 (Socket E) supported, CPU TDP supports Up to 350W TDP
- Intel C741® Chipset
- Up to 2TB ECC RDIMM/RDIMM 3DS, DDR5-5600MT/s in 8 DIMM slots
- 1 PCIe 5.0 x16 Right Riser Slot, support LP PCIe card
2 PCIe 5.0 x16 Left Riser Slot, support FHHL PCIe card
- M.2 Interface:** 2 PCIe 5.0 x4, **M.2 Form Factor:** 2280/22110
- 1 VGA Port; 2 USB 2.0 Ports; 1 Serial Port via KVM Connector.
- 1 SFP for Gigabit Ethernet and IPMI shared LAN with Intel® Ethernet Controller I210-IS

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Optimized Servers

[SYS-211SE-31DS](#) [SYS-211SE-31AS](#)

Contact Us

Specifications

Resources

Parts List

Product SKUs

MBD-X13SEED-SF

Physical Stats

Form Factor	Proprietary
Dimension	16.36" x 8.53" (41.56cm x 21.66cm)

Processor

CPU	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Single Socket E (LGA-4677) supported, CPU TDP supports Up to 350W TDP
Core	Up to 64 cores

System Memory

Memory Capacity	8 DIMM slots Up to 2TB 3DS ECC RDIMM, DDR5-5600MT/s
Memory Type	5600/5200/4800/4400/4000 MT/s ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 5600MT/s(1DPC)
DIMM Sizes	16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 256GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors

On-Board Devices

Chipset	Intel® C741
IPMI	ASPEED AST2600 BMC
Network Controllers	Single LAN with Intel® i210 Gigabit Ethernet Controller

Input / Output

USB	2 USB 2 port(s) (2 type A Via KVM connector)
Video Output	1 VGA port(s) Via KVM connector
Serial Port	1 COM Port(s) (1 Serial Port Via KVM connector)
TPM	1 TPM Header & Chip both

Expansion Slots

PCIe	1 PCIe 5.0 x16 Right Riser Slot, support LP PCIe card, 2 PCIe 5.0 x16 Left Riser Slot, support FHHL PCIe card
M.2	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 2280/22110 Key: M-Key

System BIOS

BIOS Type	32MB AMI UEFI
BIOS Features	ACPI 6.4 SMBIOS 2.8/3.5 UEFI 2.8A Plug and Play (PnP) PCI FW 3.2

Management

Software	SuperCloud Composer , Supermicro Server Manager (SSM) , Supermicro Power Manager (SPM) , Supermicro Update Manager (SUM) , Supermicro SuperDoctor® 5 (SD5) , Super Diagnostics Offline (SDO) , Supermicro Thin-Agent Service (TAS) , SuperServer Automation Assistant (SAA) New! , Plug-ins for 3rd Party Software , IPMI Utilities
System Management Software	IPMI (Intelligent Platform Management Interface) v2.0 with KVM support
Power Configurations	ACPI Power Management, Power-on mode control for AC power loss recovery

PC Health Monitoring

Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chipset Voltage, 4 -fan status, +5V standby, +5V, +3.3V, +12V, Memory Voltages, +3.3V standby
LED	UID/Remote UID Power LED BMC/IPMI Heartbeat LED Power fail / Fan fail / Overheat LED Indication
Temperature	CPU thermal trip support PECI
FAN	4x 4-pin fan headers (up to 4 fans) Fan speed control 4 fans with tachometer monitoring
Other Features	Node Manager Support M.2 NGFF connector CPU thermal trip support for processor protection Control of power-on for recovery from AC power loss ACPI power management

Operating Environment

Operating Temperature Range	0°C - 55°C (32°F - 131°F)
Non-Operating Temperature Range	-40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	8% - 90% (non-condensing)
Non Operating Relative Humidity Range	5% - 95% (non-condensing)

Certain products may not be available in your region

Global SKU English

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- Company Profile
- Green Computing
- Investor Relations
- Careers
- Site Map
- Glossary

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- Press Releases
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- Product Reviews
- Events
- Webinars

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- Product Briefs
- Solution Briefs
- Success Stories
- Videos
- White Papers
- Thought Leadership
- MySupermicro
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