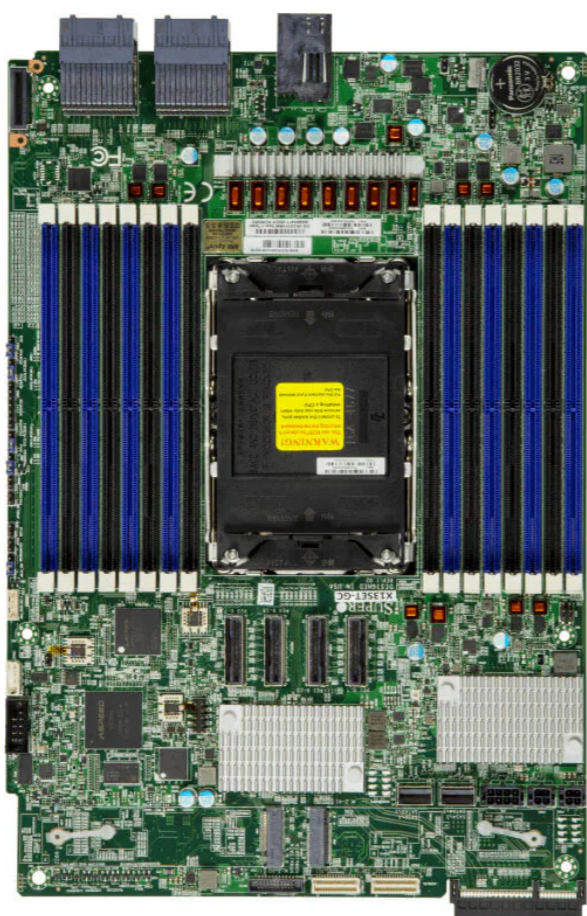# X13SET-GC (For SuperServer Only)

🖨 Print

Key Features

1. 5th/4th Gen Intel® Xeon® Scalable processors, Single Socket LGA-4677 (Socket E) supported, CPU TDP supports Up to 350W TDP
2. Intel C741® Chipset
3. Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s (1DPC) or DDR5-4400MT/s (2DPC) in 16 DIMM slots
4. 1 PCIe 5.0 x8 via customized 124-pin slim cool edge connector(for front I/O module)
5. 2 PCIe 5.0 x16 via Molex Impleplus connectors
6. 4 PCIe 5.0 X8 via MCIO connectors
7. Boardcom 3808 controller for 6 SAS3 drives
8. I/O: 1 COM, TPM header
9. **M.2 Interface:** 2 PCIe 3.0x4&SATA **M.2 Form Factor:** 2280 **M.2 Key:** M-Key

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Optimized Servers

SYS-211GT-HNC8F   SYS-211GT-HNC8R

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X13SET-GC

Physical Stats

Form Factor	Proprietary GrandTwin
Dimension	8.53" x 12.42" (21.67cm x 31.55cm)

Processor

CPU	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Single Socket Socket E (LGA-4677) supported, CPU TDP supports Up to 350W TDP *BIOS 2.1 or above is required to support 5th Gen Intel® Xeon® Scalable processors
Core	Up to 64 cores

System Memory

Memory Capacity	16 DIMM slots Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s **24GB & 48GB DIMM only support 1 DPC. *24GB/48GB/96GB DDR5 DIMMs with 24Gb chip are only supported by 5th and 4th XCC Gen Intel® Xeon-SP CPU.
Memory Type	5600/5200/4800/4400/4000 MT/s ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 4400MT/s (2DPC)
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
SAS	Broadcom 3808 SAS3 controller for 6 SAS3 (12 Gbps) ports
IPMI	ASPEED AST2600 BMC
Network Controllers	AIOM for LAN

Input / Output

Serial Port	1 COM Port(s) (1 header)
TPM	1 TPM Header

Expansion Slots

PCIe	N/A
M.2	M.2 Interface: 2 SATA/PCIe 3.0 x4 Form Factor: 2280 Key: M-Key

System BIOS

BIOS Type	AMI UEFI
BIOS Features	ACPI 6.4 SMBIOS 3.5 UEFI 2.8 or above

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

PC Health Monitoring

Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chipset Voltage, +5V standby, +5V, +3.3V, +12V
LED	UID/Remote UID CPU / System Overheat LED
Temperature	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support PECI
FAN	1x 4-pin fan header (up to 1 fan) Fan speed control
Other Features	WOL, UID, Node Manager Support, M.2 NGFF connector, Control of power-on for recovery from AC power loss, ACPI power management

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Certain products may not be available in your region

Global SKU 🌐 English