

X13SET-G (For SuperServer Only)



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 4TB 3DS ECC RDIMM, DDR5-5600MT/s (1DPC) or DDR5-4400MT/s (2DPC) in 16 DIMM slots
- 1 PCIe 5.0 x8 via customized 124-pin slim cool edge connector(for front I/O module)
- 2 PCIe 5.0 x16 via Molex Impleplus connectors
- 4 PCIe 5.0 X8 via MCIO connectors
- I/O: 1 COM, TPM header
- M.2 Interface:** 2 PCIe 3.0x4&SATA **M.2 Form Factor:** 2280 **M.2 Key:** M-Key

Optimized Servers

[SYS-211GT-HNTF](#) [SYS-211GT-HNTR](#)

Contact Us

Specifications Resources Parts List

Product SKUs

MBD-X13SET-G

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
SATA	Intel® C741 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10
IPMI	ASPEED AST2600 BMC
Network Controllers	AIOM for LAN

Input / Output

SATA	6 SATA3 (6Gbps) port(s)
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
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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

Certain products may not be available in your region

Global SKU English

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