

» Products » Motherboards

X13SET-GC (For SuperServer Only)



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

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

Specifications	Resources	Parts List			
Product SKUs			Expansion Slots		
MBD-X13SET-GC			PCIe	N/A	
Physical Stats			M.2	M.2 Interface: 2 SATA/PCIe 3.0 x4 Form Factor: 2280 Key: M-Key	
Form Factor Proprietary GrandTwin					

Dimension	8.53" x 12.42" (21.67cm x 31.55cm)	System BIOS		
Processor		BIOS Type	AMI UEFI	
CPU	<u>5th Gen Intel® Xeon®</u> / <u>4th Gen Intel® Xeon® Scalable processors</u> 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®	BIOS Features	ACPI 6.4 SMBIOS 3.5 UEFI 2.8 or above	
	Scalable processors	Management		
Core	Up to 64 cores	Software	<u>SuperCloud Composer, Supermicro Server Manager (SSM),</u> <u>Supermicro Power Manager (SPM), Supermicro Update</u>	
System Memory	n Memory		<u>Manager (SUM), Supermicro SuperDoctor® 5 (SD5), Super</u> <u>Diagnostics Offline (SDO), Supermicro Thin-Agent Service (TAS)</u> ,	
•	Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s		<u>SuperServer Automation Assistant (SAA) New!</u> , <u>Plug-ins for 3rd</u> <u>Party Software</u> , <u>IPMI Utilities</u>	
	**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.	PC Health Monitoring		
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)	Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chipset Voltage, +5V standby, +5V, +3.3V, +12V	
DIMM Sizes	16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 256GB	LED	UID/Remote UID CPU / System Overheat LED	
Memory Voltage	1.1V	Temperature	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support	
Error Detection	Corrects single-bit errors			
On-Board Devices			PECI	
Chipset	Intel [®] C741	FAN	1x 4-pin fan header (up to 1 fan) Fan speed control	
SAS	Broadcom 3808 SAS3 controller for 6 SAS3 (12 Gbps) ports	Other Features	WOL, UID, Node Manager Support, M.2 NGFF connector, Control of power-on for recovery from AC power loss, ACPI power management	
IPMI	ASPEED AST2600 BMC			
Network Controllers	AIOM for LAN			
Input / Output				
Serial Port	1 COM Port(s) (1 header)			
ТРМ	1 TPM Header			

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