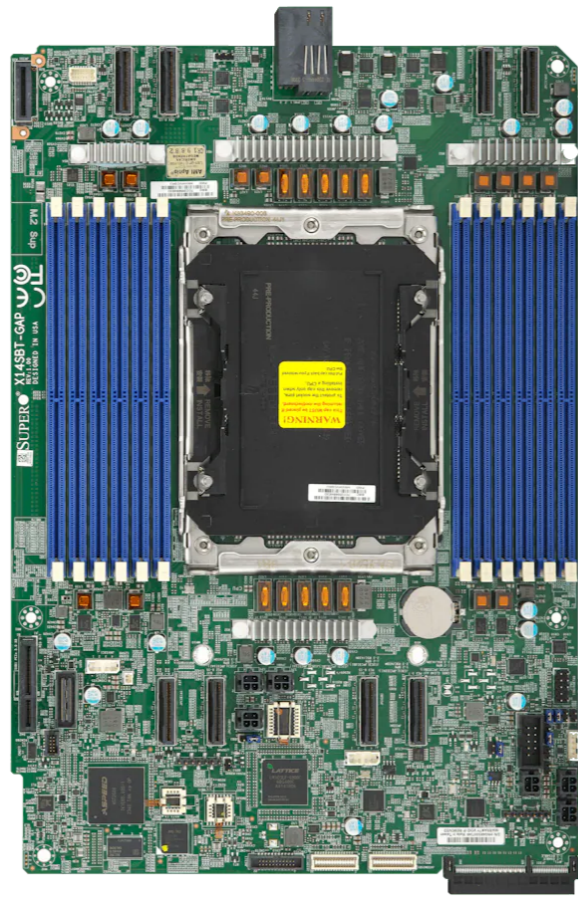


X14SBT-GAP (For SuperServer Only) Coming Soon

Print


Key Features

1. Intel® Xeon® 6900-series processors with P-cores, Single Socket LGA-7529 (Socket BR) supported, CPU TDP supports Up to 500W TDP
2. Support DDR5 6400MT/s in 12 DIMM slots
3. 1 PCIe 5.0 x8 via customized 124-pin slim cool edge connector(for front I/O module)
4. 8 PCIe 5.0 x8 via MCIO connectors to support AIOM, storage devices or PCIe expansion slots
5. I/O: 1 COM, TPM header
6. 1 PCIe 5.0 x8 GENZ 2C connector to support 2x M.2 (2280,22110) via proprietary M.2 adapter

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Optimized Servers

[SYS-212GT-DNAF](#)

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Specifications

Resources

Parts List

Product SKUs	
MBD-X14SBT-GAP	
Physical Stats	
Form Factor	Proprietary
Dimension	8.53" x 12.42" (21.67cm x 31.55cm)
Processor	
CPU	Intel® Xeon® 6900-series processors with P-cores Single Socket BR (LGA-7529) supported, CPU TDP supports Up to 500W TDP
Core	Up to 128 (P) cores
System Memory	
Memory Capacity	12 DIMM slots Up to 3TB ECC Registered MRDIMM, DDR5-8800MT/s; Up to 3TB 3DS ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	8800 MT/s ECC DDR5 MRDIMM, RDIMM (3DS) Up to 256GB of memory with speeds of up to 8800 MT/s (MRDIMM 1DPC) or 6400 MT/s (RDIMM 1DPC)
DIMM Sizes	32GB, 64GB, 128GB, 256GB MRDIMM: 32GB, 48GB, 64GB, 96GB, 128GB, 256GB RDIMM: 32GB, 48GB, 64GB, 96GB, 128GB, 256GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	System on Chip
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	8 PCIe 5.0 x8 MCIO connector, 1 PCIe 5.0 x8 4C customized 124-pin slim cool edge connector , Support GrandTwin Front IO module, 1 PCIe 5.0 x8 GENZ 2C connector , Support 2x M.2 (2280,22110) via proprietary M.2 adapter
M.2	M.2 Interface: 2 PCIe 5.0 x8, RAID 0 & 1 Form Factor: 2280/22110 Key: M-Key M.2 support requires an optional M.2 adapter card
System BIOS	
BIOS Type	AMI 64MB AMI UEFI
BIOS Features	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
Software	Redfish API , Supermicro Server Manager (SSM) , Supermicro Update Manager (SUM) , Supermicro SuperDoctor® 5 (SD5) , Super Diagnostics Offline (SDO) , KVM with dedicated LAN , IPMI 2.0
PC Health Monitoring	
Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, +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	Fan speed control
Other Features	WOL UID 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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