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X14SBH (For SuperServer Only) New





Key Features

- 1. Intel[®] Xeon[®] 6700-series processors with E-cores, Single Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
- 2. Up to 2TB ECC RDIMM, DDR5-6400MT/s (1DPC) or DDR5-5200MT/s (2DPC) in 16 DIMM slots
- 3. 10 PCIe 5.0 x8 via MCIO connectors
- 4. 2 PCle 5.0 x16 4C
- 1 PCIe 5.0 x16 AIOM
- M.2 Interface: 2 PCIe 5.0 x2
- M.2 Form Factor: 2280, 22110, 25110
- M.2 Key: M-Key
- 5. AIOM for LAN

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Optimized Servers

SYS-112H-TN SYS-212H-TN

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Specifications	Resources	Parts List		
Product SKUs			Expansion Slots	
MBD-X14SBH			PCIe	1 PCIe 5.0 x16 AIOM, 2 PCIe 5.0 x16 4C slots, 10 PCIe 5.0 x8 MCIO connector
Physical Stats				
Form Factor Proprie	etary		M.2	M.2 Interface: 2 PCIe 5.0 x2 Form Factor: 2280/22110/25110

Dimension	13" x 12.89" (33.02cm x 32.74cm)	
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Dimension	13" x 12.89" (33.02cm x 32.74cm)		Key: M-Key	
Processor		System BIOS		
CPU	Intel [®] Xeon [®] 6700-series processors with E-cores	BIOS Type	AMI 64MB AMI UEFI	
	Single Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP	BIOS Features	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9	
Core	Up to 144 (E) cores			
System Memory		Management		
Memory Capacity	16 DIMM slots Up to 2TB ECC Registered RDIMM, DDR5-6400MT/s	Software	<u>Redfish API, Supermicro Server Manager (SSM), Supermicro</u> <u>Update Manager (SUM), Supermicro SuperDoctor® 5 (SD5),</u> <u>Super Diagnostics Offline (SDO), KVM with dedicated LAN , IPMI</u>	
Memory Type	6400 MT/s ECC DDR5 RDIMM Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC) or 5200 MT/s (2DPC)	PC Health Monitoring	2.0	
DIMM Sizes	32GB, 64GB, 96GB, 128GB	Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, +5V standby, +5V, +3.3V, +12V	
Memory Voltage	1.1V			
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)	LED	UID/Remote UID CPU / System Overheat LED	
On-Board Devices		Temperature	Monitoring for CPU and chassis environment CPU thermal trip support	
Chipset	System on Chip		Thermal Monitor 2 (TM2) support PECI	
IPMI	ASPEED AST2600 BMC	FAN	Fan speed control	
Network Controllers	AIOM for LAN	Other Features	UID	
Input / Output			M.2 NGFF connector Control of power-on for recovery from AC power loss	
LAN	1 AIOM		Chassis intrusion detection ACPI power management	
USB	3 USB 3.2 Gen1 port(s) (3 via header)			
ТРМ	1 TPM Header 1 TPM TPM 2.0 onboard	-		

1 TPM TPM 2.0 onboard

Global SKU 🌐 English

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