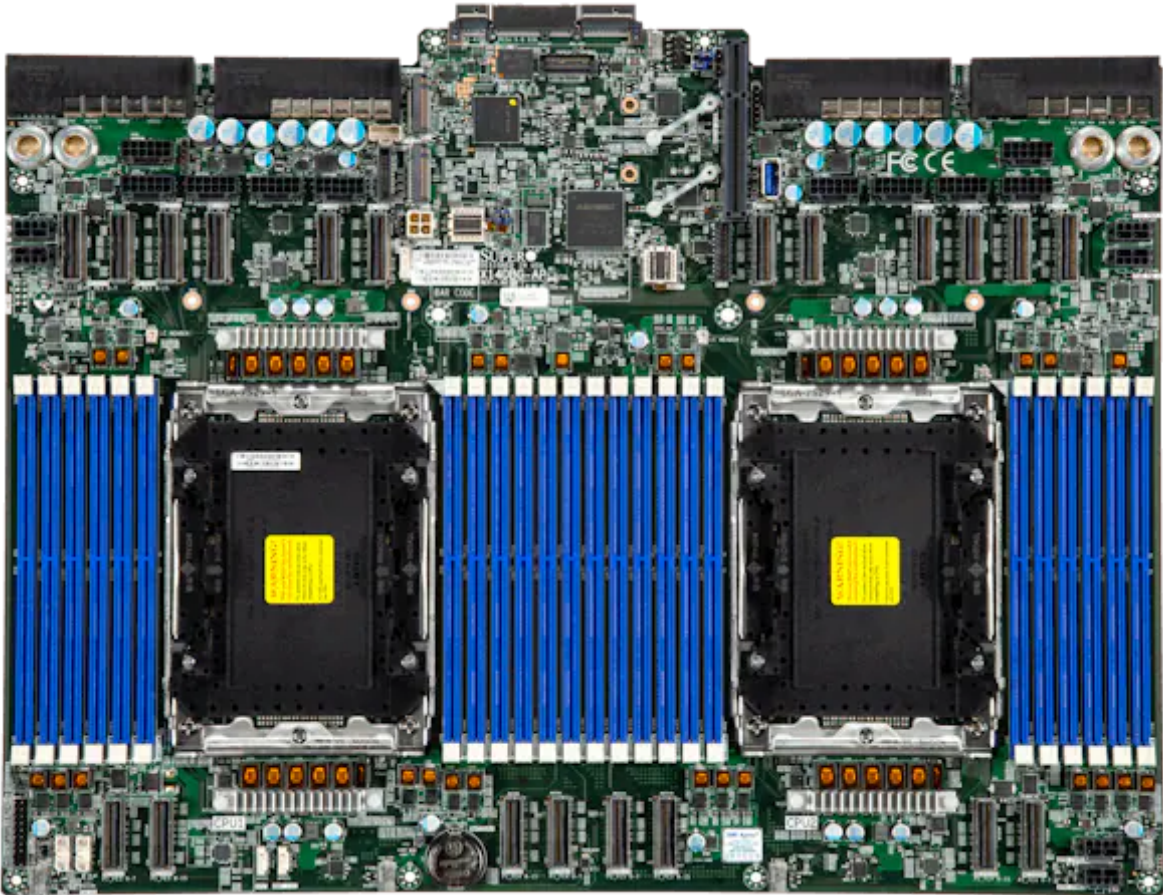




X14DBG-AP (For SuperServer Only) **New**

Print



Key Features

1. Intel® Xeon® 6900-series processors with P-cores, Dual Socket LGA-7529 (Socket BR) supported, CPU TDP supports up to 500W
2. Support DDR5 6400MT/s in 24 DIMM slots
3. 20 PCIe 5.0 x8 MCIO connectors
4. 1 PCIe 5.0 x8 slot for IO riser card
5. 2 M.2 PCIe5.0 x4
6. 1 AIOM slot

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Optimized Servers

[SYS-522GA-NRT](#)

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SpecificationsResourcesParts List

Product SKUs	
MBD-X14DBG-AP	
Physical Stats	
Form Factor	Proprietary
Dimension	17" x 14.95" (43.18cm x 37.97cm)
Processor	
CPU	<a href="#">Intel® Xeon® 6900 series Processors</a> Dual Socket BR (LGA-7529) supported, CPU TDP supports Up to 500W TDP
Core	Up to 128 (P) cores
System Memory	
Memory Capacity	24 DIMM slots Up to 6TB 3DS ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	ECC DDR5 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	16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 256GB RDIMM: 16GB, 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
Network Controllers	N/A
Input / Output	
TPM	1 TPM TPM 2.0 onboard

Expansion Slots	
PCIe	1 PCIe 5.0 x16 AIOM, 20 PCIe 5.0 x8 PCIe5.0 MCIO connector, 1 PCIe 5.0 x8 Riser Slot
M.2	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 2280/22110 Key: M-Key
System BIOS	
BIOS Type	AMI 64MB AMI UEFI
BIOS Features	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
Software	<a href="#">SuperCloud Composer</a> , <a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">Supermicro Thin-Agent Service (TAS)</a> , <a href="#">SuperServer Automation Assistant (SAA) New!</a> , <a href="#">Plug-ins for 3rd Party Software</a>
PC Health Monitoring	
Voltage	System temperature, PCH temperature, +5V standby, +5V, +3.3V, +12V, Monitors CPU Core Voltages, BMC/IPMI Heartbeat LED, +3.3V standby, Vmem, Peripheral temperature, Platform Environment Control Interface (PECI)/(TSI), Vcore, ACPI power management, Low noise fan speed control, GPUtemperature, DIMMtemperature
FAN	4x 4-pin fan headers (up to 4 fans) CPU thermal trip support
Other Features	Control of power-on for recovery from AC power loss

Certain products may not be available in your region

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