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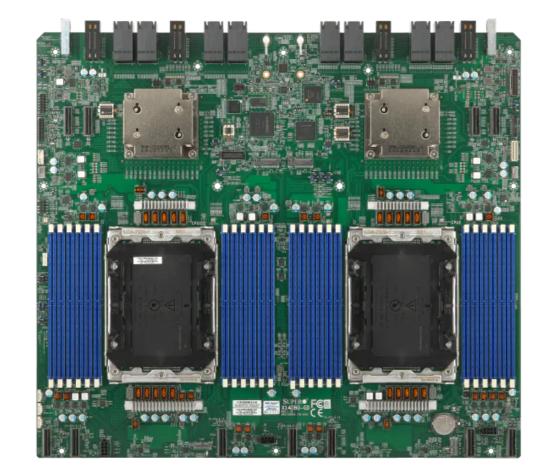
X14DBG-GD (For SuperServer Only) Coming Soon

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Key Features

1. Support Single CPU Operation
2. 6th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-7529 (Socket BR) supported, CPU TDP supports Up to 500W
3. Support DDR5 6400MT/s in 24 DIMM slots
4. **M.2 Interface:** 2 PCIe5.0 x2 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key
5. Modular design. 24 DIMM, AIOM, up to 24 drives support.
6. Support Intel Habana Gaudi 3 GPU

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Optimized Servers

[SYS-822GA-NGR3](#)

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X14DBG-GD

Physical Stats

Form Factor	Proprietary
Dimension	17" x 14.96" (43.18cm x 38cm)

Processor

CPU	[Intel® Xeon® 6900 series Processors](#) 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 RDIMM, DDR5-6400MT/s
Memory Type	6400 MT/s ECC DDR5 RDIMM (3DS) Up to 128GB of memory with speeds of up to 6400 MT/s(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

Expansion Slots

PCIe	4 PCIe 5.0 x8 MCIO connector, 8x 2.5 NVMe Drives, 6 PCIe 5.0 x8 MCIO connector, 2x PCIe 5.0 x16/2x PCIe 5.0x8 via PCIe expansion slot
M.2	M.2 Interface: 2 PCIe 5.0 x2, RAID 0 & 1 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	[SuperCloud Composer](#), [Supermicro Server Manager (SSM)](#), [Super Diagnostics Offline (SDO)](#), [Supermicro Thin-Agent Service (TAS)](#), [SuperServer Automation Assistant (SAA) New!](#), [Plug-ins for 3rd Party Software](#)

PC Health Monitoring

Voltage	System temperature, PCH temperature, +5V standby, +5V, +3.3V, +12V, Monitors CPU Core Voltages, 2 fans with tachometer status monitoring, 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	2x 6-pin fan headers (up to 2 fans) CPU thermal trip support
Other Features	Control of power-on for recovery from AC power loss

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