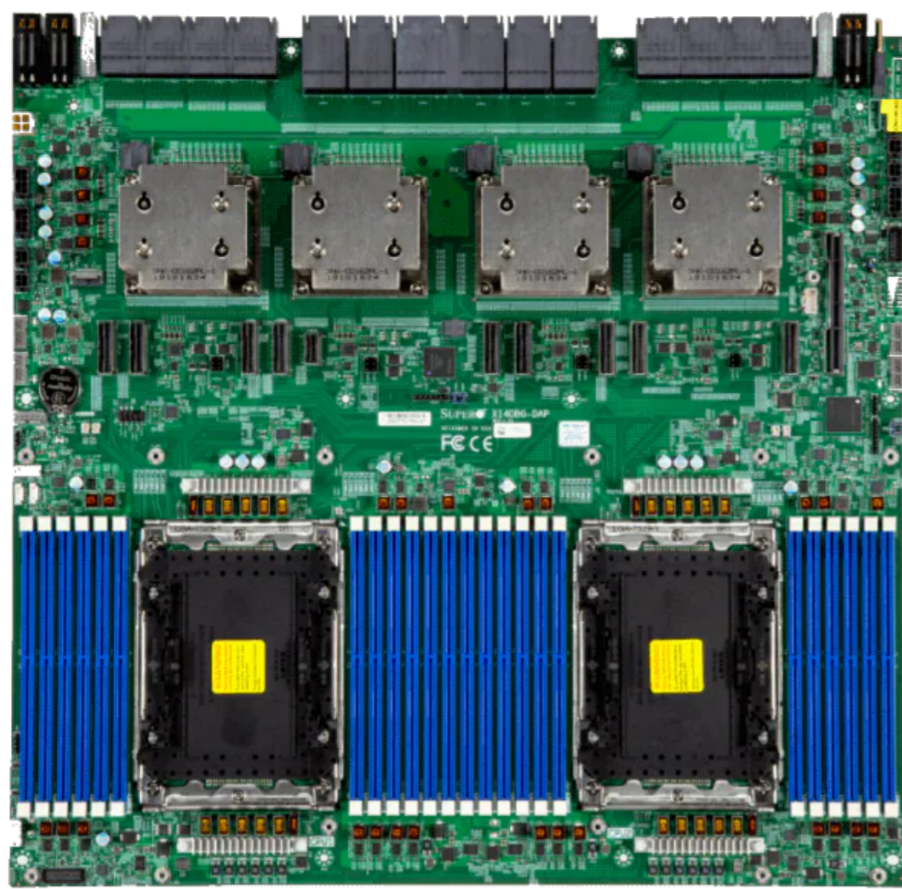# X14DBG-DAP (For SuperServer Only) **Coming Soon**

🖨 **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 with up to speeds of 6400MT/s (RDIMM) or 8800MT/s (MRDIMM) in 24 DIMM slots
3. **M.2 Interface:** 2 PCIe5.0 x4 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key
4. 5 MCIO Connectors PCIe 5.0 x8 (NVMe)
5. 2 MCIO Connectors PCIe 5.0 x16 (Bluefield)
6. 1 MCIO Connectors PCIe 5.0 x4 (NVMe M.2 RAID controller)
7. 8 EXAMAX PCIe 5.0 x16 (Networking, GPU direct)
8. 8 EXAMAX PCIe 5.0 x16 (GPU)
9. Networking options provided via Intel X710 via. AOM-DP805-IO

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Optimized Servers

[SYS-422GA-NBRT-LCC](#)   [SYS-A22GA-NBRT](#)

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X14DBG-DAP

Physical Stats

Form Factor	Proprietary
Dimension	17" x 16.165" (43.18cm x 41.06cm)

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 ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	ECC DDR5 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

LAN	2 10G SFP+ LAN ports
USB	2 USB port(s) (2 via header)
Video Output	VGA port(s) header
TPM	1 TPM TPM 2.0 onboard

Expansion Slots

PCIe	5 PCIe 5.0 x8 PCIe5.0 MCIO connector, 1 PCIe 5.0 x4 PCIe5.0 MCIO connector, 2 PCIe 5.0 x16 MCIO connector
M.2	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 22110, 2280 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, BMC/IPMI Heartbeat LED, +3.3V standby, Vmem, Peripheral temperature, Platform Environment Control Interface (PECI)/(TSI), Fan speed control, Vcore, ACPI power management, GPUtemperature, DIMMtemperature, NVMetemperature
Other Features	Control of power-on for recovery from AC power loss CPU thermal trip support
FAN	5x 4-pin fan headers (up to 5 fans)

Certain products may not be available in your region

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