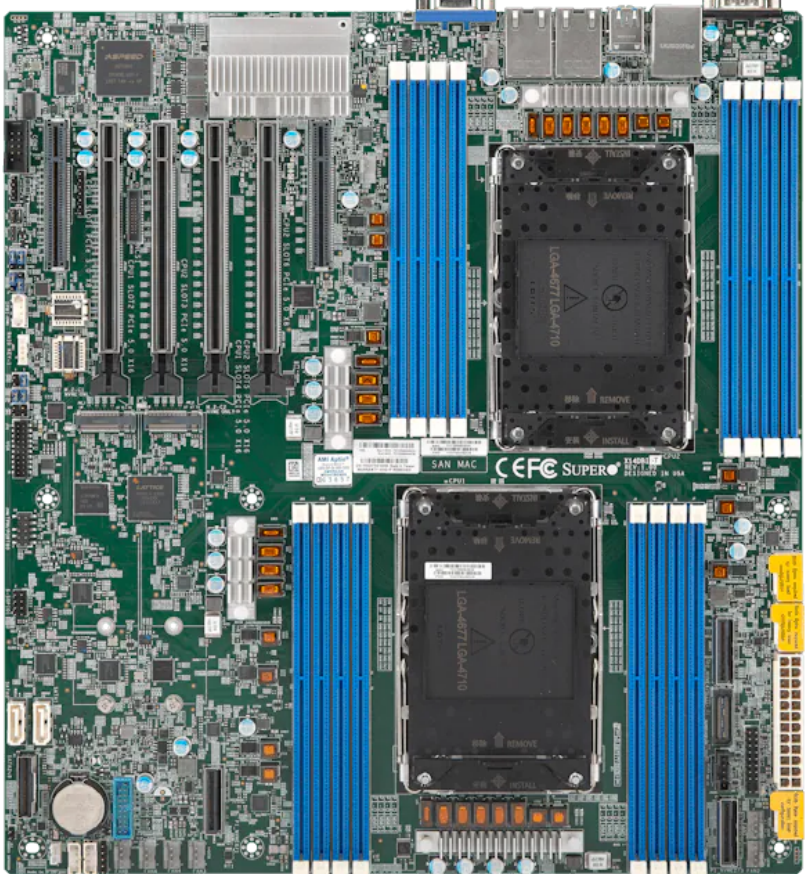




X14DBI-T Coming Soon



X14 Mainstream

Specifications	Resources	Parts List
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Product SKUs	
MBD-X14DBI-T	
Physical Stats	
Form Factor	EATX
Dimension	12.5" x 13.4" (318.5cm x 339.85cm)
Processor	
CPU	Intel® Xeon® 6700-series processors with E-cores Dual Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP
Core	Up to 144 (E) cores
System Memory	
Memory Capacity	16 DIMM slots Up to 2TB ECC Registered RDIMM, DDR5-6400MT/s
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)
DIMM Sizes	32GB, 64GB, 96GB, 128GB RDIMM: 32GB, 64GB, 96GB, 128GB
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	Dual LAN Dual LAN with Broadcom BCM57416 10GBase-T
Input / Output	
SATA	10 SATA3 port(s)
LAN	1 RJ45 Dedicated IPMI LAN port
USB	6 USB 3.1 Gen1 port(s) (2 via header; 4 rear)
Video Output	1 VGA D-Sub Connector port(s)
Serial Port	2 COM Port(s) (1 rear; 1 header)
TPM	1 TPM Header
Others	3 MCIO PCIe 5.0 x8

Key Features	
1.	Intel® Xeon® 6 processors, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
2.	Total up to 2TB ECC RDIMM DDR5-6400MT/s in 16 DIMM slots
3.	Support CXL 2.0
4.	4 PCIe 5.0 x16
5.	2 PCIe 5.0 x8
6.	3 PCIe 5.0 x8 via MCIO connectors
7.	M.2 Interface: 2 PCIe 5.0 x4
	M.2 Form Factor: 2280, 22110
8.	Dual LAN with 10GBase-T with Broadcom® BCM57416
9.	6 USB 3.2 Gen1 (4 rear and 2 via header)
...	

Optimized Servers

[SYS-622B-TRT](#)

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Expansion Slots	
PCIe	2 PCIe 5.0 x8, 4 PCIe 5.0 x16
M.2	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 2280/22110 Key: M-Key
System BIOS	
BIOS Type	
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	VBAT, System temperature, Memory temperature, CPU temperature, +5V standby, +5V, +3.3V, +12V, CPU thermal trip support, +3.3V standby, Veore, Vmem, Peripheral temperature, Platform Environment Control Interface (PECI)/(TSI)
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	8x 4-pin fan headers (up to 8 fans) Fan speed control Overheat LED indication 8x fans with tachometer monitoring
Other Features	UID M.2 NGFF connector Control of power-on for recovery from AC power loss Chassis intrusion detection ACPI power management
Operating Environment	
Operating Temperature Range	10°C - 35°C (50°F - 95°F)
Non-Operating Temperature Range	-40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	8% - 90% (non-condensing)
Non Operating Relative Humidity Range	5% - 95% (non-condensing)

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