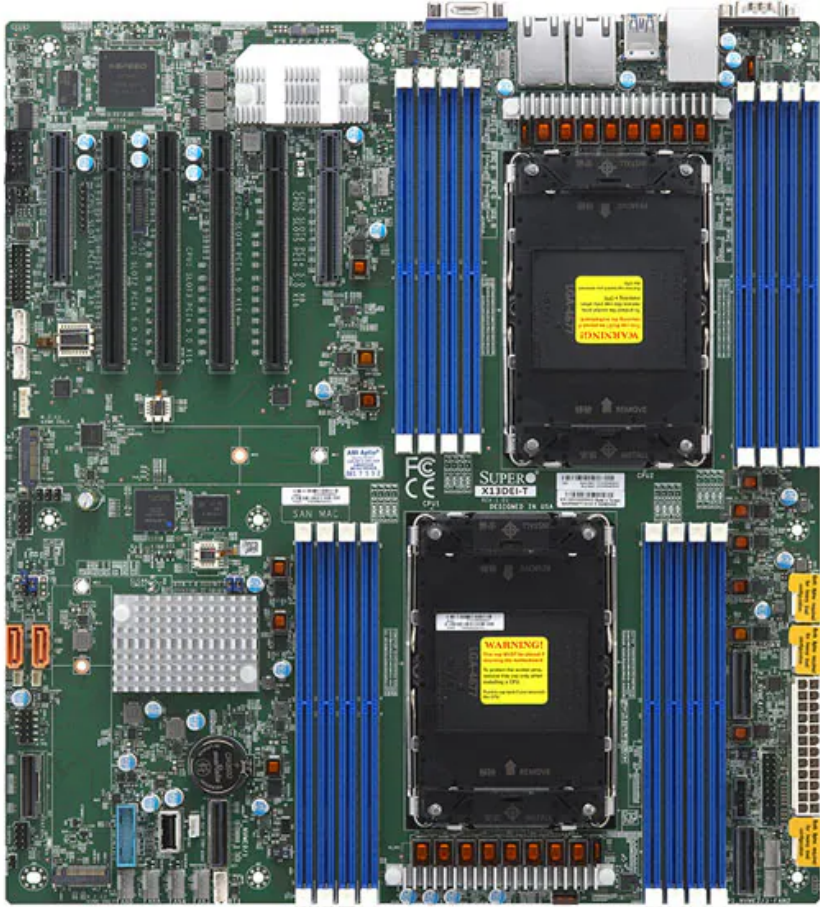




X13DEI-T

Print



X13 Mainstream

Key Features

1. Support CXL
2. 5th/4th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-4677 (Socket E) , CPU TDP supports up to 350W TDP
3. Intel® C741 Chipset
4. Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s in 16 DIMM slots
5. 4 PCIe 5.0 x16
6. 2 PCIe 5.0 x8
7. Broadcom BCM57416 Dual ports 10G LAN
8. 6 USB3.0 and 3 USB2.0
9. 2 SATA DOM ports
10. 2 M.2
11. 6 NVMe ports PCIe 5.0 x4 via 3 MCIO connectors
12. 8 SATA3.0 ports

Contact Us

Optimized Servers

- [SYS-621P-TRT](#) [SYS-741P-TRT](#) [SYS-221P-C9RT](#) [SSG-631E-E1CR16H](#)
- [SSG-631E-E1CR16L](#) [SSG-641E-E1CR36H](#) [SSG-641E-E1CR36L](#)
- [SSG-641E-E1CR24H](#) [SSG-641E-E1CR24L](#) [SSG-621E-ACR12H](#)
- [SSG-621E-ACR12L](#) [SSG-621E-ACR16H](#) [SSG-621E-ACR16L](#)

Specifications

Resources

Parts List

Product SKUs	
MBD-X13DEI-T	
Physical Stats	
Form Factor	EATX
Dimension	12.1" x 13.05" (30.74cm x 33.15cm)
Processor	
CPU	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Dual Socket V0 (LGA-4677) supported, CPU TDP supports Up to 350W TDP
Core	Up to 64 cores
System Memory	
Memory Capacity	16 DIMM slots Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s
Memory Type	5600/5200/4800/4400/4000 MT/s ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 5600MT/s(1DPC)
DIMM Sizes	16GB, 32GB, 64GB, 96(XCC Only)GB, 128GB, 256GB RDIMM: Up to 256GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	Intel® C741
SATA	Intel® C741 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10 Intel® C741 controller for 2 SATA3 (6 Gbps) ports; RAID 0,1
IPMI	ASPEED AST2600 BMC
Network Controllers	Dual LAN Dual LAN with Broadcom BCM57416 10GBase-T
Input / Output	
SATA	8 SATA3 (6Gbps) port(s) 2 SATA3 (6Gbps) port(s)
LAN	1 RJ45 Dedicated IPMI LAN port
USB	3 USB 2 port(s) (2 via header; 1 Type A) 6 USB 3 port(s) (2 via header; 4 rear)
Video Output	1 VGA D-Sub Connector port(s)
Serial Port	2 COM Port(s) (1 header; 1 rear)
TPM	1 TPM Header
Others	3 MCIO PCIe 5.0 x8

Expansion Slots	
PCIe	2 PCIe 5.0 x8, 4 PCIe 5.0 x16
M.2	M.2 Interface: 2 PCIe 4.0 x2 Form Factor: 2280/22110 Key: M-Key
System BIOS	
BIOS Type	AMI 32MB AMI UEFI
BIOS Features	ACPI 6.4 SMBIOS 2.8/3.5 UEFI 2.8A Plug and Play (PnP) PCI FW 3.2
Management	
Software	SuperCloud Composer , Supermicro Server Manager (SSM) , Supermicro Power Manager (SPM) , Supermicro Update Manager (SUM) , Supermicro SuperDoctor® 5 (SD5) , Super Diagnostics Offline (SDO) , Supermicro Thin-Agent Service (TAS) , SuperServer Automation Assistant (SAA) New! , Plug-ins for 3rd Party Software , IPMI Utilities
PC Health Monitoring	
Voltage	System temperature, PCH 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, Node Manager Support, 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)

Certain products may not be available in your region

About Us

Company Profile
Green Computing
Investor Relations
Careers
Site Map
Glossary

News

Press Releases
Supermicro in the News
Product Reviews
Events
Webinars

Resources

Product Briefs
Solution Briefs
Success Stories
Videos
White Papers
Thought Leadership
MySupermicro
Data Center Stories

Connect & Follow

Locations
Contact Us
Newsletter Sign-up

