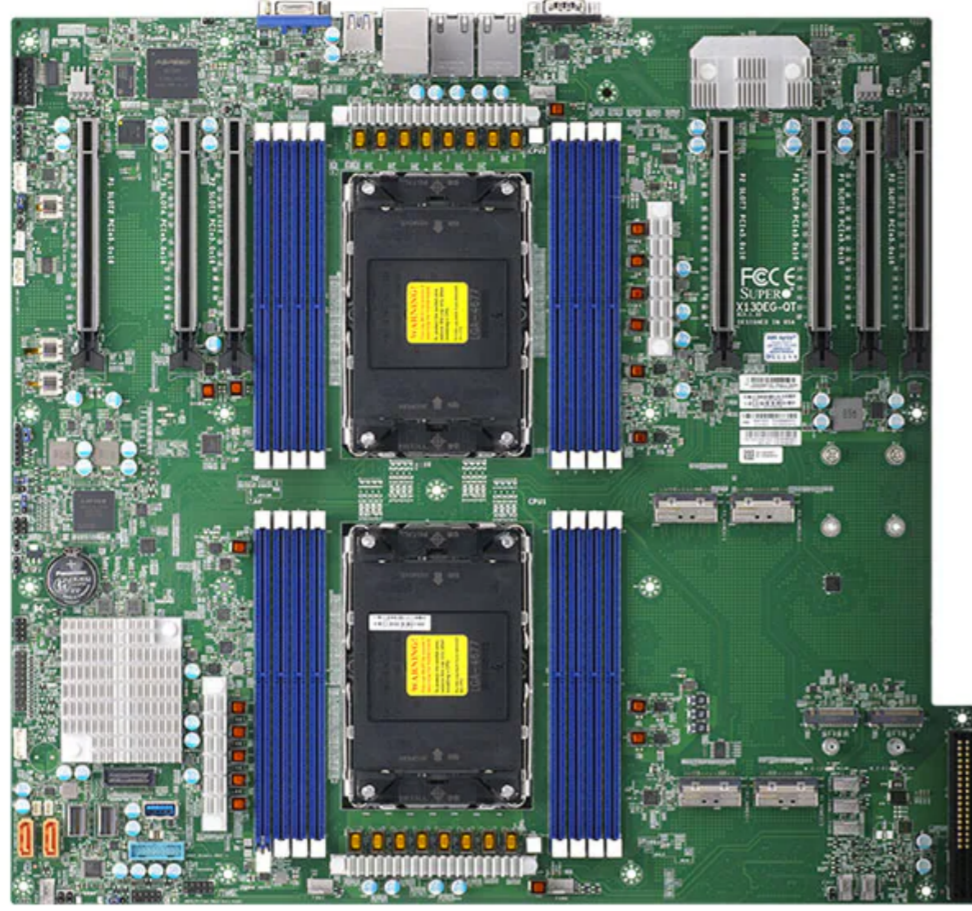# X13DEG-QT (For SuperServer Only)

🖶 Print



Workstation

## Key Features

1. Support CXL
2. 5th/4th Gen Intel® Xeon® Scalable processors and  Xeon® Max Series 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(1DPC) in 16 DIMM slots
5. Intel® X550-AT2 Dual ports 10G LAN
6. 2 SATA DOM ports
7. 8 NVMe ports PCIe 5.0 x4 via 4 MCIO connectors
8. 7 PCIe 5.0 x16
9. 2 M.2 (2280/22110)
10. HD Audio 7.1 channel header
11. 8 SATA 3.0 ports via 2 SlimSAS connectors
12. 7 USB 3.0 ports

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Contact Us

### Optimized Servers

SYS-741GE-TNRT    SYS-751GE-TNRT    SYS-751GE-TNRT-NV1

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## Specifications | Resources | Parts List

### Product SKUs

MBD-X13DEG-QT

### Physical Stats

| | |
|---|---|
| Form Factor | Proprietary |
| Dimension | 14.567" x 15.866" (37cm x 40.2996cm) |

### Processor

| | |
|---|---|
| CPU | 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors and Intel® Xeon® Max Series processors Dual Socket Socket E (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 | 5600/4800/4400/4000 MT/s ECC DDR5 RDIMM (3DS) 256GB 5600MT/s |
| DIMM Sizes | 16GB, 32GB, 64GB, 96GB, 128GB, 256GB RDIMM: Up to 256GB |
| Memory Voltage | 1.1V |
| Error Detection | Detects double-bit errors (using ECC memory) |

### On-Board Devices

| | |
|---|---|
| Chipset | Intel® C741 |
| SATA | 8 SATA3 (6 Gbps) ports; RAID 0, 1, 5, 10 2 SATA3 (6 Gbps) ports; RAID 0,1 |
| Network Controllers | Dual LAN with 10GBase-T with Intel® X550 |

### Input / Output

| | |
|---|---|
| USB | 7 USB 3 port(s) (1 type A; 2 headers; 1 rear type C; 3 rear type A) |
| Video Output | 1 VGA D-Sub Connector port(s) |
| Serial Port | 2 COM Port(s) (1 header; 1 rear) |
| TPM | 1 TPM Header |

### Expansion Slots

| | |
|---|---|
| PCIe | 7 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 | 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

| | |
|---|---|
| FAN | 12x 4-pin fan headers (up to 12 fans) |

### 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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Certain products may not be available in your region

Global SKU 🌐 English

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