

# Supermicro Workstation 5049A-T

---



---

## Highlights

Single-Processor High Performance Workstation.  
Ansys, Dassault systems and Autodesk Certified.  
Built For Engineers.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.



- Tower w/1200W power supply
- 1 x Intel Xeon 2nd Gen Scalable processors
- ANSYS Certified
- Dassault systemes Certified
- Autodesk Certified
- Supports 3 Dual wide GPU
- Build-to-order configured to your requirements



**BLUE LINE**  
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

# Supermicro Workstation 5049A-T

## Specifications

### Model Type

Workstation

### Form Factor

Tower (option for 4U rackmount)

### Cooling

2 x Super quiet PWM chassis fans (supports up to 4 fans)  
1 x Super quiet rear fan with optimal fan speed control

### Environment

Operating temperature 10°C to 35°C  
Non-operating temperature -40°C to 60°C  
Operating humidity 8% to 90% (non-condensing)  
Non-operating humidity 5% to 95% (non-condensing)

### Certification

Ansys  
Dassault systemes  
Autodesk

### Processor

CPU Single Socket P (LGA 3647)  
2nd Gen Intel Xeon Scalable Processors and Intel Xeon Scalable Processors\*  
Supports CPU TDP up to 205W  
Cores Up to 28 Cores  
Notice\* BIOS version 3.2 or above is required to support 2nd Gen Intel Xeon Scalable processors (codenamed Cascade Lake-R). Please contact Blue Line for additional information

### Chipset

Intel C621

### RAM

Memory Capacity 12 DIMM slots  
Up to 3TB 3DS ECC  
DDR4-2933MHz RDIMM/LRDIMM  
Memory Type 2933/2666/2400/2133MHz ECC DDR4  
RDIMM/LRDIMM  
Note 2933MHz in two DIMMs per channel can be achieved by using validated memory

### Storage

8 x Hot-swap 3.5" SAS3/SATA3 drive bays (SATA3 default)  
Option for 3.5" to 2.5" Tray converter  
3 x 5.25" drive bays

### Input / Output

Front 2 USB 3.1Gen1 port  
Rear 4 USB 3.1 Gen1 ports  
2 USB 3.1 Gen2 ports (1 type A / 1 type C)  
7.1 HD Audio with optical S/PDIF  
1 VGA port via AST2500 BMC  
1 RJ45 Gigabit Ethernet LAN port  
1 RJ45 10GBase-T Ethernet LAN port  
1 RJ45 Dedicated IPMI LAN port  
1 COM ports  
Internal 8 SATA3 (6Gbps) ports  
2 USB 3.1 Gen2 ports (1 Type A header, 1 Type C header)  
2 USB 2.0 ports headers, Type A  
1 COM ports header  
1 TPM 2.0 Header

### Expansion

4 PCI-E 3.0 x16 slots  
3 PCI-E 3.0 x8 (in x16 slot)  
M.2 Interface: 4 PCI-E 3.0 x4, RAID 0 & 1  
M.2 Form Factor: 2242/2260/2280/22110  
M.2 Key: M-Key  
M.2 supports RAID 0, 1 (up to RAID 5, 10), VROC key is required for RAID1  
U.2 Interface: 2 PCI-E 3.0 x4

### Operating System

Intel Node Manager  
IPMI 2.0  
SSM, SPM, SUM  
SuperDoctor 5  
Watchdog



**BLUE LINE**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)

# Supermicro Workstation 5049A-T

---

---

## Power Supply

1200W high-  
efficiency  
power supply  
w/ PMBus

AC Input            1000W: 100-114.9 V, 50-60 Hz, 12 Amp  
                         1200W: 114.9-240 V, 50-60 Hz, 12-8 Amp

DC Output          +3.3V / +5V / +12V / -12V / +5VSB  
1000W max        20A / 20A / 83A / 0.3A / 3A  
1200W max        20A / 20A / 99A / 0.3A / 3A

Platinum Level  
Certified

---

## Dimension and Weight

H 452 x W        32.2kg  
178 x D  
648mm

---

## Mounting

Stand

---

## Warranty and After Sales Support

Standard 1 year hardware warranty for barebone  
3 year hardware warranty & 1 year cross shipment for  
complete system CPU / MEM / DISK  
Option for 5 year hardware warranty & 1 year cross  
shipment / 3 year hardware warranty & 3 year cross  
shipment



**BLUE LINE**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)