

# Supermicro Workstation/Server 4023S-TRT



**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/Server 4023S-TRT



## Highlights

Single CPU Extreme Workstation. High end GPU Workstation for real-time design, 8K production and Deep Learning. 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.



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# Supermicro Workstation/Server 4023S-TRT

- Workstation tower
- Option for 4U rack mount kit
- 1 x Intel Xeon W-3200 Series or Intel 2nd generation Xeon Scalable
- 4 PCI-E 3.0 x16 supports up to 4 dual width GPU
- 8 x Hot-swap 3.5" drive bays
- 2200W Redundant Power Supplies Titanium Level
- Build-to-order configured to the requirements

## Specifications

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### Model Type

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Workstation/Server

### Form Factor

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Tower (option for 4Urackmount)

### Cooling

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3 x Internal hot-swap 9400 RPM fans  
2 x External rear hot-swap 9400 RPM fans

### Environment

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Operating temperature	10°C to 35°C
Non-operating temperature	-40°C to 70°C
Operating humidity	8% to 90% (non-condensing)
Non-operating humidity	5% to 95% (non-condensing)

### Processor

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CPU	Dual AMD EPYC™ 7000-series, socket SP3
Cores	up to 32 cores



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## Chipset

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SoC

## RAM

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	16 x DIMM slots
Memory capacity	supports up to 2TB registered ECC DDR4 2666MHz SDRAM in 16 DIMMs
	8-channel memory bus
Memory type	DDR4 2666 MHz registered ECC, 240pin gold-plated DIMMs
DIMM sizes	8GB / 16GB / 32GB / 64GB / 128GB
Memory voltage	1.2V
	corrects single-bit errors
Error detection	detects double-bit errors (using ECC memory)

## Storage

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8 x Hot-swap 3.5" drive bays (8 x SATA3 by default / 8 x SAS3)

## Input / Output

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	1 x RJ45 dedicated IPMI, dual 10G
	1 x VGA, 8 x SAS3 ports supports via optional add-on card
Rear	2 x USB 3.0, 2 x USB 2.0
	2 x NVMe supports with optional cables
	1 x COM, 2 x SATA DOM power connector
	10 x SATA3 (6Gbps) ports
Internal	TPM 1.2

## Expansion

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2 x PCI-E x16 slots

3 x PCI-E x8 slots

## Operating System

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WHQL

RHEL

VMware

Citrix XenServer

Ubuntu / SUSE

## Power Supply

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	1280W redundant high-efficiency digital power supplies w/ PMBus 1.2
	1000W output, 100V to 140V, 8 to 12A, 50 to 60Hz
AC input	1280W output, 180V to 240V, 6 to 8A, 50 to 60Hz
	1000W +12V/83A, +5Vsb/4A
DC output	1280W +12V/106.7A, +5Vsb/4A

## Dimension and Weight

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H 452 x W 178 x D 647mm

## Accessories Included

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2 x 1U 1280W, redundant single output power supply

2 x 2U passive CPU heat sink for AMD socket SP3 processors

2 x Internal mini-SAS to mini-SAS HD 50cm w/ SB, 30AWG, HF, RoHS / REACH, PBF

## Accessories Optional

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4U chassis rail kits SC743, 745 (w/ 2pcs black chassis ears)

## Warranty and After Sales Support

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Standard 1 year hardware warranty for barebone

3 year hardware warranty & 1 year cross shipment for complete system CPU / MEM / DISK



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Option for 5 year hardware warranty & 1 year cross shipment / 3 year hardware warranty & 3 year cross shipment



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