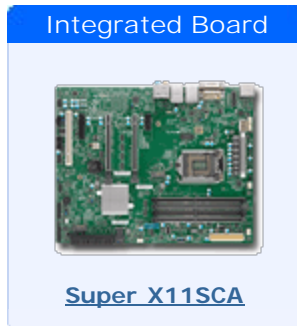


SuperWorkstation 5039C-T



Key Features

- Entry-Level Workstation
- Designed for CAD and 3D Modeling Applications
- NVIDIA® Quadro® Professional GPU Support

1. Single socket H4 (LGA 1151) supports Intel® Xeon® E processor, 8th Gen. Intel® Core™ i3 Processors, Intel® Celeron®, Intel® Pentium®
2. Intel® C246 chipset
3. Up to 64GB ECC/non-ECC UDIMM, up to DDR4-2666MHz; 4 DIMM slots
4. 2 PCI-E 3.0 x16 running at NA/16 or 8/8, 1 PCI-E 3.0 x4 slot, 1 PCI-E 3.0 x1 slot,
5. 2 M.2 (M-key, 2260/2280/22110), 1 U.2 for optional expanded storages
6. 2 USB Type A & Type C, 4 USB 3.1 Gen1 (2 rear + 2 front), 2 USB 2.0 (front)
7. 1 HDMI 2.0a port, 1 DVI-Dport, 1 DP 1.2 port, 1 TPM header, 1 COM header
8. 4 Fixed 3.5", Opt. 4 2.5" drive bays, 2 Standard 5.25" drive bays, 1 Fixed 3.5" device bay
9. 500W Bronze Certified High Efficient Power Supply

[▶ Drivers & Utilities](#) ▶ [BIOS](#) ▶ [IPMI](#) ▶ [Tested Memory](#)
[▶ Tested M.2 List](#) ▶ [Manuals](#) ▶ [OS Certification Matrix](#) ▶ [Quick-References Guide](#) ▶ [Drive Options](#)

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs

SuperWorkstation ■ SYS-5039C-T (Black)

Motherboard

Super X11SCA

Processor

- CPU
- Single Socket H4 (LGA 1151), CPU TDP support up to 95W
 - Support Intel® Xeon® E processors, 8th Gen. Intel® Core™ i3 Processors,

Chassis

Form Factor ■ Mid-Tower

Model ■ [CSE-732D4-500B](#)

Dimensions and Weight

Height ■ 16.7" (424mm)

Width ■ 7.6" (193mm)

Depth ■ 20.68" (525.3mm)

Gross Weight ■ 35.5 lbs (16.1 kg)

Core/Cache	<ul style="list-style-type: none"> Intel® Celeron®, Intel® Pentium® Up to 6-Cores
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System Memory

Memory Capacity	<ul style="list-style-type: none"> 4 DIMM slots Up to 64GB ECC/non-ECC UDIMM Up to DDR4-2666MHz
Memory Type	<ul style="list-style-type: none"> 2666/2400/2133MHz ECC DDR4 SDRAM
DIMM Sizes	<ul style="list-style-type: none"> 64GB, 32GB, 16GB, 8GB

On-Board Devices

Chipset	<ul style="list-style-type: none"> Intel® C246 chipset
SATA	<ul style="list-style-type: none"> SATA3 (6Gbps) via Intel C246 controller RAID 0, 1, 5, 10 support
Network Controllers	<ul style="list-style-type: none"> Single LAN with Intel® I210-AT Single LAN with Intel® PHY I219LM

Input / Output

SATA	<ul style="list-style-type: none"> 8 SATA3 (6Gbps) ports from Intel® C246
LAN	<ul style="list-style-type: none"> 2 RJ45 Ethernet LAN ports
USB	<ul style="list-style-type: none"> 2 USB 3.1 Gen 2 Type A and Type C (rear) 2 USB 3.1 Gen 1 (2 rear + 2 front) 2 USB 2.0 (front)
Video	<ul style="list-style-type: none"> 1 HDMI (2.0a) port 1 DVI-D port, 1 DisplayPort 1.2 port
Audio	<ul style="list-style-type: none"> 7.1 HD Jacks
Serial Port / Header	<ul style="list-style-type: none"> 1 COM port (header)
TPM	<ul style="list-style-type: none"> 1 TPM 2.0 Header

Expansion Slots

PCI-Express	<ul style="list-style-type: none"> 2 PCI-E 3.0 x16 running at NA/16 or 8/8 1 PCI-E 3.0 x4 slot 1 PCI-E 3.0 x1 slot 1 PCI 32bit 5V slot
M.2	<ul style="list-style-type: none"> M.2 Interface: 2 PCI-E 3.0 x4 M.2 Form Factor: 2260/ 2280/ 22110 M.2 Key: M-Key (RAID 0,1 support) U.2 Interface: 1 PCI-E 3.0 x4 (Shared with M.2#2)

System BIOS

BIOS Type	<ul style="list-style-type: none"> UEFI 256Mb
BIOS Features	<ul style="list-style-type: none"> ACPI 3.0 or later SMBIOS 2.7 or later SPI dual/quad speed support RTC wakeup

Available Colors	<ul style="list-style-type: none"> Black
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Front Panel

Buttons	<ul style="list-style-type: none"> Power On/Off button
LEDs	<ul style="list-style-type: none"> Power LED Hard drive activity LED Network activity LED System Information LED
Ports	<ul style="list-style-type: none"> 2 USB 2.0 ports, 2 USB 3.1 Gen 1 ports 1 Line-out, 1 Mic-in

Drive Bays


Internal	<ul style="list-style-type: none"> 4 Fixed 3.5" drive bays Optional 4 internal 2.5" drive bays Enterprise SATA HDD only recommended
Peripheral	<ul style="list-style-type: none"> 2 Standard 5.25" Peripheral drive bays 1 Internal 3.5" Fixed device bay

System Cooling

Fans	<ul style="list-style-type: none"> 1x 12cm rear exhaust fan Optional 1x 12cm front cooling fan
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Power Supply

500W AC power supply w/ PFC	
AC Voltage	<ul style="list-style-type: none"> 100 - 240V, 50-60Hz, 7-3.5 Amp
+5V	<ul style="list-style-type: none"> 20 Amp
+5V standby	<ul style="list-style-type: none"> 3 Amp
+12V1	<ul style="list-style-type: none"> 17 Amp
+12V2	<ul style="list-style-type: none"> 17 Amp
+12V3	<ul style="list-style-type: none"> 17 Amp
+12V4	<ul style="list-style-type: none"> 18 Amp
-12V	<ul style="list-style-type: none"> 0.5 Amp
+3.3V	<ul style="list-style-type: none"> 15 Amp

Certification	 <ul style="list-style-type: none"> Bronze Certified [Test Report]
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PC Health Monitoring

CPU	<ul style="list-style-type: none"> Monitors for CPU Cores, +1.8V, +3.3V, +5V, +-12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages. 4+2-Phase-switching voltage regulator
FAN	<ul style="list-style-type: none"> Low noise fan speed control
Temperature	<ul style="list-style-type: none"> Monitoring for CPU and chassis environment Thermal Control for 5x 4-pin fan connectors PECI

Operating Environment / Compliance

RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X11SCA	1	Super X11SCA Motherboard
	CSE-732D4-500B	1	3U Mid-Tower Chassis
Cable 1	CBL-0044L	4	SATA,INT,FLAT,57.7CM,26AWG
Manual	MNL-2090-QRG	1	5039C-T Quick Reference Guide
Parts	MCP-260-00122-0N	1	Standard I/O Shield for X11SCA with EMI Gasket
Power Supply	PWS-502-PQ	1	PS2 ATX 500W MULTI-OUTPUT HI-EFF PWS

Optional Parts List

	Part Number	Qty	Description
Cable	CBL-SAST-0957	-	Mini SAS HD to PCIe SFF-8639 w/ Power, 55CM, 45CM, 34 AWG,RoHs
Cable	CBL-0082L	-	Y split , big 4 pin to two RA SATA power extension 15cm, 18AWG
Converter HDD Tray	MCP-220-73102-0N	-	2.5" to 3.5" SSD/HDD Adapter Tray for 731, 732, DS3, 842
HDD Cage	MCP-220-73201-0N	-	SC732 2.5" HDD Cage (4x Internal 2.5" HDD) - Single Pack
Fan	FAN-0124L4	-	High performance 12cm (1850rpm) cooling fan
Heat Sink	SNK-P0051AP4	-	4U Active CPU Heat Sink for Gaming and Socket H UP Systems,RoHS/REACH,PBF
DVD-ROM	DVM-LITE-DVDRW24-HBT with CBL-0082L & CBL-SAST-0624	-	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE PBF