

SuperWorkstation 5039A-iL



Available Colors:

Black



Key Features

- High Performance, Versatile Features & I/O Access

1. Single socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v5, Intel® 6th Gen. Core™ i7/i5/i3 series
2. Intel® C236 chipset
3. Up to 64GB Unbuffered ECC/non-ECC UDIMM DDR4 2133MHz; 4x DIMM slots
4. 2 PCI-E 3.0 x16 (x16/NA or x8/x8), 2 PCI-E 3.0 x1 (in x4), 2 PCI 32-bit slots
5. I/O Ports: 1 DVI-D, 1 HDMI, 1 display port, triple display capable, ALC1150 HD Audio, 2 COM, 2 GbE LAN, 2 USB 3.0 + 2 USB 2.0 (front)
6. 4x 3.5" internal HDD bays
90° rotatable HDD cage design
4x 2.5" internal SATA HDD (opt.)
7. 500W High Efficiency Power Supply

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-5039A-iL (Black)

Motherboard

Super X11SAE

Processor/Cache

CPU ■ Single Socket H4 (LGA 1151) supports:
■ Intel® Xeon® processor E3-1200 v5,
■ CPU TDP up to 95W

System Memory

Memory Capacity ■ 4x 288-pin DDR4 DIMM slots
■ Up to 64GB DDR4 ECC UDIMM

Memory Type ■ 2133/1866/1600MHz ECC DDR4 SDRAM
72-bit, 288-pin (UDIMM) gold-plated DIMMs

DIMM Sizes ■ 16GB, 8GB, 4GB

Memory Voltage ■ 1.2 V

Error Correction Code ■ Corrects single-bit errors
■ Detects double-bit errors (using ECC memory)

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 ■ 40 lbs (18.1 kg)

Available Colors ■ Black

Front Panel

Buttons ■ Power On/Off button

LEDs ■ Power LED
■ Hard drive activity LED
■ Network activity LED
■ System Information LED

Ports ■ 2x front USB 3.0 Ports
■ 2x front USB 2.0 Ports
■ 2x front HD/AC97 Audio Ports

On-Board Devices

Chipset	<ul style="list-style-type: none">Intel® C236 chipset
SATA	<ul style="list-style-type: none">SATA3 (6Gbps) via C236 controllerRAID 0, 1, 5, 10 support
Network Controllers	<ul style="list-style-type: none">Intel I210-AT + Intel PHY i219LM Ethernet ControllersVirtual Machine Device Queues reduce I/O overheadSupports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Graphics	<ul style="list-style-type: none">1x HDMI, 1x DVI-D, 1x Display port (Triple Display)
Audio	<ul style="list-style-type: none">ALC 888S HD Audio

Input / Output

SATA	<ul style="list-style-type: none">8x SATA3 (6Gbps) ports from Intel® C236; RAID 0, 1, 5, 10
LAN	<ul style="list-style-type: none">2x RJ45 Gigabit Ethernet LAN ports
USB	<ul style="list-style-type: none">6x USB 3.0 ports (2 rear + 4 via headers)8x USB 2.0 ports (2 rear + 6 via headers)2x USB 3.1 (rear)
Audio	<ul style="list-style-type: none">7.1 HD Jacks
Display*	<ul style="list-style-type: none">1x HDMI, 1x DVI-D, 1x Display port (Triple Display)
Serial Port / Header	<ul style="list-style-type: none">2x COM ports (headers)

Expansion Slots

PCI-Express	<ul style="list-style-type: none">2 PCI-E 3.0 x16 slots - Function as: x16/NA or x8/x82 PCI-E 3.0 x1 (in x4) slots
PCI	<ul style="list-style-type: none">2 PCI 32-bit slots

System BIOS

BIOS Type	<ul style="list-style-type: none">128Mb SPI Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none">Plug and Play (PnP)APM 1.2DMI 2.3ACPI 1.0 / 2.0USB Keyboard supportSMBIOS 2.3UEFI

Drive Bays

Internal	<ul style="list-style-type: none">4x 3.5" Internal fixed drive bays
Peripheral	<ul style="list-style-type: none">2x 5.25" peripheral device bays

System Cooling

Fans	<ul style="list-style-type: none">1x 12cm rear exhaust fan with Optimal Fan Speed ControlOptimized cooling technology for Whisper-Quiet Operation (21dB)
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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



Bronze Certified
[[Test Report](#)]

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.6-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 environmentThermal Control for 8x fan connectorsPECI

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-X11SAE	1	Super X11SAE Motherboard
	CSE-732D4-500B	1	3U Mid-Tower Chassis
Cable 1	CBL-0044L	4	SATA CABLE 57.5CM FLAT S-S PBF. 26AWG flat
Manual	MNL-1837-QRG	1	SYS-5039A-IL (X11SAE, CSE-732D4-500B), QRG
Parts	MCP-260-00063-1N	1	STD size I/O shield for X10SLQ-L with EMI Gasket,RoHS/REACH,PBF
Power Supply	PWS-502-PQ	1	PS2 ATX 500W MULTI-OUTPUT HI-EFF PWS

Optional Parts List

	Part Number	Qty	Description
Cable	CBL-0179L	-	SATA CABLE 70CM FLAT S-S PBF
HDD Cage	MCP-220-73201-0N	-	SC732 2.5" HDD Cage (4x Internal 2.5" HDD) - Single Pack
DVD-ROM	DVM-LITE-DVDRW24-HBT	-	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE PBF
Heat Sink	SNK-P0046A4	-	ACTIVE CPU Heat Sink
Fan	FAN-0124L4	-	High performance 12cm (1850rpm) cooling fan