

# Supermicro SuperWorkstation SYS-5039A-I Mid-Tower UP 4xLFF FIX PSU (ANSYS)

Kod producenta: SYS-5039A-I



Chassis Form Factor	Mid-Tower
CPU Socket	LGA 2066 (Socket R4)
# of CPU sockets	1
Supported CPU's	Intel Xeon W-2200 processor Intel Xeon W-2100 processor
Max CPU TDP	165 W
Chipset	Intel® C422
Memory Type	DDR4 Registered ECC LRDIMM DDR4 Registered ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	8
Max Memory Size	512 GB
# of 3.5 fixed bays	4
Optical drives	Fixed
# of PCIe x16 3.0	2
# of PCIe x4 3.0	1
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.1 Type A 2 x USB 3.0 (header) 4 x USB 3.0 (rear) 2 x USB 2.0 (rear) 4 x USB 2.0 (header)
# of SATA Ports	6
# of 1GbE Ports	2 x RJ45
Network Controllers	Single LAN with Intel® PHY I219LM LAN controller Single LAN with Aquantia 5G LAN chip AQC108
TPM	1x TPM 1.2 20-pin Header
Power Supply	900W
PSU Certification	80+ Gold
Chassis Dimensions	424 x 193 x 525,3mm
Uwagi	PCI-Express Slots Configuration: 3x PCI-E 3.0 x16 slots (8/16/16, 48 lanes) 1x PCI-E 3.0 x4 slot

Product SKUs

SuperWorkstation · SYS-5039A-i (Black)

Motherboard

SuperX11SRA

Processor

CPU · Intel® Xeon® W-2200 processor, Intel® Xeon® W-2100 processor  
· Single Socket R4 (LGA 2066), CPU TDP support up to 165W

System Memory

Memory Capacity · 8 DIMM slots  
· Up to 512GB Registered ECC LRDIMM  
· Up to 256GB Registered ECC RDIMM  
· Up to DDR4-2666MHz  
· 2666/2400/2133MHz ECC DDR4 SDRAM  
Memory Type · 64GB, 32GB, 16GB, 8GB, 4GB  
DIMM Sizes

On-Board Devices

Chipset · Intel® C422 chipset  
SATA · SATA3 (6Gbps) via Intel C422 controller  
· RAID 0, 1, 5, 10 support  
Network Controllers · Single LAN with Intel® PHY I219LM LAN controller  
· Single LAN with Aquantia 5G LAN chip AQC108  
Audio · ALC 1220 7.1 HD Audio

Input / Output

SATA · 6 SATA3 (6Gbps) ports from Intel® C422  
LAN · 2 RJ45 Ethernet LAN ports  
USB · 6 USB 3.0 ports (4 rear + 2 headers)  
· 6 USB 2.0 ports (2 rear + 4 headers)  
· 2 USB 3.1 (2 Type A)  
· 7.1 HD Jacks  
Audio · 1 COM port (header)  
Serial Port / Header · 1 TPM 1.2 20-pin Header  
TPM

Expansion Slots

PCI-Express · 3 PCI-E 3.0 x16 slots (8/16/16, 48 lanes)  
· 1 PCI-E 3.0 x4 slot  
M.2 x4 · M.2 Interface: 2 PCI-E 3.0  
· M.2 Form Factor: 22110/2280  
· M.2 Key: M-Key (RAID 0,1 support)  
· U.2 Interface: 2 PCI-E 3.0 x4

System BIOS


BIOS Type · UEFI 256Mb  
BIOS Features · ACPI 3.0 or later  
· SMBIOS 2.7 or later  
· BIOS rescue hot-key  
· SPI dual/quad speed support  
· RTC wakeup

Chassis	
	<ul style="list-style-type: none"><li>· Mid-Tower</li></ul>
Form Factor	<ul style="list-style-type: none"><li>· <a href="#">CSE-732D3-903B</a></li></ul>
Model	
Dimensions and Weight	
Height	<ul style="list-style-type: none"><li>· 16.7" (424mm)</li></ul>
Width	<ul style="list-style-type: none"><li>· 7.6" (193mm)</li></ul>
Depth	<ul style="list-style-type: none"><li>· 20.68" (525.3mm)</li></ul>
Gross Weight	<ul style="list-style-type: none"><li>· 35.5 lbs (16.1 kg)</li></ul>
Available Colors	<ul style="list-style-type: none"><li>· Black</li></ul>

Front Panel	
	<ul style="list-style-type: none"><li>· Power On/Off button</li></ul>
Buttons	<ul style="list-style-type: none"><li>· Power LED</li></ul>
LEDs	<ul style="list-style-type: none"><li>· Hard drive activity LED</li><li>· Network activity LED</li><li>· System Information LED</li></ul>
Ports	<ul style="list-style-type: none"><li>· 2 front USB 3.0 Ports</li><li>· 1 Line-out, 1 Mic-in</li></ul>

Drive Bays	
Internal	<ul style="list-style-type: none"><li>· 4 fixed 3.5" drive bays</li><li>· Enterprise SATA HDD only recommended</li></ul>
Peripheral	<ul style="list-style-type: none"><li>· 2 optional 5.25" Peripheral drive bays</li><li>· 1 optional card reader module</li></ul>

System Cooling	
Fans	<ul style="list-style-type: none"><li>· 1x 12cm rear exhaust fan</li><li>· Optional 1x 12cm front cooling fan</li></ul>

Power Supply	
900W AC multi output power supply	
AC Voltage	<ul style="list-style-type: none"><li>· 100-240 V, 50-60 Hz, 10-6 Amp</li></ul>
+5V Standby	<ul style="list-style-type: none"><li>· 3 Amp</li></ul>
+12V1	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
+12V2	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
+12V3	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
+12V4	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
+5V	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
+3.3V	<ul style="list-style-type: none"><li>· 25 Amp</li></ul>
-12V	<ul style="list-style-type: none"><li>· 0.5 Amp</li></ul>
Certification	<div> <b>Gold Level</b></div>
Note:	<ul style="list-style-type: none"><li>• Max. continuous combined load on +3.3V and +5V output shall not exceed 155W.</li><li>• Max. continuous combined load on +12V1, +12V2, +12V3 and +12V4 output shall not exceed 860W.</li></ul>

PC Health Monitoring	
CPU	<ul style="list-style-type: none"><li>· Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages.</li><li>· 6-Phase-switching voltage regulator</li></ul>
FAN	<ul style="list-style-type: none"><li>· Low noise fan speed control</li></ul>
Temperature	<ul style="list-style-type: none"><li>· Monitoring for CPU and chassis environment</li><li>· Thermal Control for 8x fan connectors</li><li>· PECI</li></ul>

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

*Strona firmowa produktu:*

*<https://www.superstorage.pl/supermicro-superworkstation-sys-5039a-mid-tower-up-4x1ff-fix-psu-ansys-p-4626.html>*