

# Supermicro SuperWorkstation SYS-7037A-iL Mid-Tower DP 4xLFF FIX PSU

Kod producenta: SYS-7037A-iL



Chassis Form Factor	Mid-Tower
CPU Socket	LGA 1356 (Socket B2)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2400v2
Chipset	Intel C602
Memory Type	DDR3 ECC LRDIMM DDR3 ECC RDIMM DDR3 ECC UDIMM
Memory Speed	1600 MHz 1333 MHz 1066 MHz 800 MHz
# of DIMM's	6
Max Memory Size	192 GB
# of 3.5 fixed bays	4
# of PCIe x16 3.0	1
# of PCIe x8 3.0	3
# of USB Ports	2 x USB 3.0 (header) 2 x USB 3.0 (rear) 4 x USB 2.0 (rear) 6 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	2 x AHCI iSATA 6Gb/s 8 x AHCI iSATA 3Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel 82574L Dual Port Gigabit Ethernet
Power Supply	Fixed
PSU Wattage	500W
PSU Certification	80+ Bronze
Chassis Dimensions	424 x 193 x 525,3mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x4 (in x8) slot 2x PCI-E 3.0 x8 slots 1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 3.0 x16 slot 1x PCI-32

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

## Product SKUs

SuperWorkstation • SYS-7037A-iL (**Black**)

## Motherboard

### Super X9DAL-i

## Processor/Cache

CPU • Dual Socket B2 (LGA 1356)  
• **Intel® Xeon® processor E5-2400 v2**

Cache • Up to 25MB

System Bus • QPI up to 8 GT/s

## System Memory

Memory Capacity • 6x 240-pin DDR3 DIMM slots  
• Supports up to 192 GB DDR3 ECC Registered memory (RDIMM)  
• 1600/1333/1066/800MHz ECC DDR3

Memory Type SDRAM 72-bit, 240-pin gold-plated DIMMs

DIMM Sizes • 32GB, 16GB, 8GB, 4GB, 2GB, 1GB

Memory Voltage • 1.5 V, 1.35 V

Error Detection • Corrects single-bit errors  
• Detects double-bit errors (using ECC memory)

## On-Board Devices

Chipset • Intel® C602 Chipset

SATA • SATA 2.0 3Gbps with RAID 0, 1, 5, 10  
• SATA 3.0 6Gbps with RAID 0, 1, 5, 10  
• Intel® 82574L Dual Port Gigabit Ethernet

Network Controllers • Virtual Machine Device Queues reduce I/O overhead  
• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output

Audio • RealTek ALC889 7.1 High Definition Audio with S/PDIF header

Super I/O • Nuvoton W83627

## Input / Output

SATA • 2x SATA 3.0 ports (6Gbps)  
• 8x SATA 2.0 ports (3Gbps)

LAN • 2x RJ45 Gigabit Ethernet LAN ports

USB • 4x USB 3.0 ports (2 rear + 2 via header)  
• 10x USB 2.0 ports (4 rear + 6 via header)

Audio • 7.1 HD Audio with optical S/PDIF

Keyboard/Mouse • PS/2 Keyboard Combo port

Serial Port / Header • 2x Fast UART 16550 ports / 1 rear and 1 header

## Expansion Slots

PCI-Express • 1x PCI-E 3.0 x16  
• 3x PCI-E 3.0 x8 (1 allows a x16 card)  
• 1x PCI-E 3.0 x4 (in x8)  
• 1x PCI-32

## System BIOS

BIOS Type • 64Mb SPI Flash EEPROM with AMI® BIOS  
• Plug and Play (PnP)  
• APM 1.2  
• DMI 2.3

BIOS Features • ACPI 1.0 / 2.0  
• USB Keyboard support  
• SMBIOS 2.3  
• UEFI

## Chassis

Form Factor • Mid-Tower  
Model • **CSE-732D4F-500B**

## Dimensions

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  
• Power LED  
• Hard drive activity LED  
• Network activity LED  
• System Overheat LED

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

## Drive Bays

Internal • 4x Fixed 3.5" Drive Bays  
• 4x Fixed 2.5" Drive Bays (optional)  
• Enterprise SATA HDD only recommended

## System Cooling

Fans • 1x 12cm rear exhaust fan with Optimal Fan Speed Control  
• Optimized cooling technology for Whisper-Quiet Operation

## Power Supply

500W AC power supply w/ PFC

AC Voltage • 100 - 240V, 50-60Hz, 7-3.5 Amp

+5V • 20 Amp  
+5V standby • 3 Amp  
+12V1 • 17 Amp  
+12V2 • 17 Amp  
+12V3 • 17 Amp  
+12V4 • 18 Amp  
-12V • 0.5 Amp  
+3.3V • 15 Amp

## Certification



**Bronze Certified**  
[ [Test Report](#) ]

## PC Health Monitoring

CPU • 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 • Low noise fan speed control  
• Monitoring for CPU and chassis environment

Temperature • Thermal Control for 8x fan connectors  
• PECI

## Operating Environment / Compliance

RoHS • RoHS Compliant

Environmental Spec. • 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)

### **UWAGA !!!**

*Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD ).*

*Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.*

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superworkstation-sys-7037a-il-mid-tower-dp-4xlf-fix-psu-p-2046.html>