

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

Kod producenta: SYS-7037A-i



Chassis Form Factor	Mid-Tower
CPU Socket	LGA 2011 (Socket R)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v2 Intel Xeon E5-2600
Chipset	Intel C602 Patsburg
Memory Type	DDR3 ECC LRDIMM DDR3 ECC RDIMM DDR3 ECC UDIMM
Memory Speed	1866 MHz 1600 MHz 1333 MHz 1066 MHz 800 MHz
# of DIMM's	16
Max Memory Size	1024 GB
# of 3.5 fixed bays	4
# of PCIe x16 3.0	3
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 4 x USB 2.0 (rear) 2 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	6
# of SATA DOM power	1
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Fixed
PSU Wattage	900W
PSU Certification	80+ Gold
Chassis Dimensions	424 x 193 x 525mm

Product SKUs

SuperWorkstation • SYS-7037A-i (Black)

Motherboard

Super X9DAi

Processor/Cache

CPU • Dual Socket R (LGA 2011)
• Intel® Xeon® processor E5-2600 and E5-2600 v2 family¹

Note † BIOS version 3.0 or above is required

Cache • Up to 30MB

System Bus • QPI up to 8 GT/s

System Memory

Memory Capacity • 16x 240-pin DDR3 DIMM slots
• Up to 1TB DDR3 ECC LRDIMM
• Up to 512GB DDR3 ECC Registered memory (RDIMM)
• Up to 128GB DDR3 ECC Un-Buffered memory (UDIMM)
• 1866/1600/1333/1066/800MHz ECC

Memory Type DDR3 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
• Intel® i350 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 front + 2 rear)
• 7x USB 2.0 ports (4 rear + 2 via header + 1 Type A)

Audio • Line-in / Line-out / Microphone Ports

Keyboard/Mouse • PS/2 Keyboard/Mouse port

Serial Port / Header • 1x Fast UART 16550 ports

IEEE 1394a • 2x Headers

Expansion Slots

PCI-Express • 3 (x16) PCI-E 3.0 slots
• 2 (x8) PCI-E 3.0 slots
• 1 (x4) PCI-E 3.0 slot

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-903B

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 1394 Ports
• 2x front HD/AC97 Audio Ports

Drive Bays

Internal • 4x 3.5" SATA HDD Bays (90° rotatable drive cage)
• Enterprise SATA HDD only recommended

Peripheral Bay • 2x 5.25" peripheral drive bays
• 1x 3.5" peripheral drive bay

System Cooling

Fans • 1x 12cm (1850rpm) rear exhaust fan
• 1x 12cm (1850rpm) front cooling fan
• Optimized cooling technology for Whisper-Quiet Operation
• Optional 2x Active CPU Heat Sink (SNK-P0050AP4)

Heatsink

Power Supply

900W AC multi output power supply

AC Voltage • 100-240 V, 50-60 Hz, 10-6 Amp

+5V Standby • 3 Amp

+12V1 • 25 Amp

+12V2 • 25 Amp

+12V3 • 25 Amp

+12V4 • 25 Amp

+5V • 25 Amp

+3.3V • 25 Amp

-12V • 0.5 Amp

Certification



Gold Level

• Max. continuous combined load on +3.3V and +5V output shall not exceed 155W.

Note: • Max. continuous combined load on +12V1, +12V2, +12V3 and +12V4 output shall not exceed 860W.

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
• Total of three fan headers supporting up to 8 fans
• Three 4-pin fan headers
• 3x fans with tachometer status monitoring

FAN • Support 3-pin fans (w/o speed control)
• Low noise fan speed control (4-pin fan only)
• Monitoring for CPU and chassis environment

Temperature • Thermal Control for 8x fan connectors
• PECI

Operating Environment / Compliance

RoHS • RoHS Compliant
• 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)

Environmental Spec. • 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-mid-tower-dp-4x1ff-fix-psu-p-246.html>