

SuperServer 5037A-i

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Available Colors: Black



Key Features

1. Single socket R (LGA 2011) supports Intel® Xeon® processor E5-2600/1600
2. Up to 256GB RDIMM or 64GB UDIMM; DDR3 up to 1600MHz
3. Expansion slots: 2 x16 PCI-E 3.0, 1 x4 PCI-E 3.0 (in x8), 1 x4 PCI-E 2.0 (in x8), 1 x1 PCI-E 2.0 (in x4)
4. Intel® 82579LM and 82574L, 2x Gigabit Ethernet LAN ports
5. 4 USB 3.0 and 14 USB 2.0 ports
6. 4x 3.5" SATA3 HDD bays, 90° rotating hard drive cage, 4x 2.5" internal HDD/SSD bays (opt.)
7. 900W Gold Level Power Supply

[Drivers & Utilities](#) | [BIOS](#) | [Tested Memory List](#)

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

Specifications

Product SKUs
SuperServer SYS-5037A-i (Black)

Motherboard
Motherboard MBD-X9SRA

Processor/Cache
CPU Intel® Xeon® processor E5-2600/1600; 8 or 6 Core processor Socket R (LGA 2011)

System Memory
Memory Capacity 8x 240-pin DDR3 DIMM sockets Supports up to 256 GB DDR3 ECC Registered memory (RDIMM) Supports up to 64 GB DDR3 ECC Un-Buffered memory (UDIMM)
Memory Type 1600/1333/1066MHz ECC DDR3, 240-pin gold-plated DIMMs
DIMM Sizes 32GB, 16GB, 8GB, 4GB, 2GB, 1GB
Memory Voltage 1.5 V
Error Detection Corrects single-bit errors Detects double-bit errors (using ECC memory)

On-Board Devices
Chipset Intel® C602 Chipset
SATA 2 SATA3 (6Gbps) and 4 SATA2 (3Gbps) RAID 0, 1, 5, 10
Network Controllers Intel® 82579LM and 82574L, 2x Gigabit LAN ports 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
TPM 20pin Header v1.2

Input / Output
Serial ATA 2 SATA 3.0 ports (6Gbps) 4 SATA 2.0 ports (3Gbps)
SCU 4 SATA 2.0 ports (3Gbps) via SCU
LAN 2x RJ45 LAN ports
USB 4 USB 3.0 (5Gbps; 2 rear, 2 via headers) 14 USB 2.0 (8 rear, 6 via headers) Total 4 USB 3.0 and 14 USB 2.0
Audio Line-in / Line-out / Microphone Ports
Serial Port / Header 2x Fast UART 16550 serial port (one header and one rear port)

Expansion Slots
PCI-Express 2 (x16) PCI-E 3.0 slots 1 (x4) PCI-E 3.0 in x8 slot 1 (x4) PCI-E 2.0 in x8 slot 1 PCI 32-bit slot

System BIOS
BIOS Type 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features DMI 2.3 PCI 2.3 ACPI 1.0 / 2.0 USB Keyboard support SMBIOS 2.3

Chassis
Form Factor Mid-Tower
Model CSE-732D4-903B

Dimensions
Height 7.6" (193 mm)
Width 16.7" (424 mm)
Depth 20.68" (525.3 mm)
Weight Net Weight: 29.5 lbs (13.38 kg) Gross Weight: 35.5 lbs (16.10 kg)
Available Colors Black

Front Panel
Buttons Power On/Off button System Reset button
LEDs Power LED Hard drive activity LED Network activity LED System Overheat LED
Ports 2x Front side USB ports (USB 2.0 ready)

Drive Bays
Hard Drive 4x 3.5" SATA3 HDD Bays 90° rotatable tool-less hard drive cage 4x 2.5" Internal HDD/SSD bays (optional) Enterprise SATA HDD only recommended

System Cooling
Fans 1x 12cm rear exhaust fan Optimized Cooling Technology at 21dB Whisper-Quiet Operation

Power Supply
900W AC multi output power supply w/ PMBus
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
80 PLUS Gold
Note: Max. continuous combined load on +3.3V and +5V output shall not exceed 155W. 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 with auto-sense from 0.8375V-1.60V
FAN Total of 5 fan headers supporting up to 5 fans
Temperature Monitoring for CPU and chassis environment Thermal Control for 5x 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)

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-X9SRA	1	Super X9SRA Motherboard
	CSE-732D4-903B	1	Mid-Tower Chassis
Cable 1	CBL-0044L	4	SATA CABLE 61CM FLAT S-S PBF
CD	CDR-X9-UP	1	Driver CD for X9-UP series motherboard
I/O Shield	MCP-260-00046-0N	1	Standard I/O Shield for C7P67 or X9SRA with EMI Gasket

Optional Parts List			
	Part Number	Qty	Description
Add-On Card Reader	AOC-GPU-NVQ4000	-	Nvidia Quadro 4000 GPU Card
Cable	CBL-0082L	-	Y split SATA power extension 15cm, PBF
Cable	CBL-0179L	-	SATA CABLE 70CM FLAT S-S PBF
HDD Cage	MCP-220-73201-0N	-	SC732 2.5inch HDD Cage (4x Internal 2.5inch HDD)-Single Pack
DVD-ROM	DVM-LITE-DVDRW24-HBT	-	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE PBF
Heat Sink	SNK-P0050AP4	-	4U Active CPU Heat Sink for X9 Socket R WS