

SUPERMICR[®]

Optimized Mid-Tower Chassis

Workstation • Desktop • Server Solutions



SC731 series

SC732 series



- 90° rotatable HDD cage design, one push HDD installation
- Front I/O: Optional Audio (HD/AC97), 2x USB3.0 & 2x USB2.0 ports, 2x IEEE 1394a ports
- Folded edge design for safe handling
- Tool-less installation, internal 4x 3.5" SAS/SATA HDD drives
- Up to 7x full-height, full-length I/O expansion slots
- Small footprint optimized for office and home installation
- Supports maximum MB Size E-ATX, ATX (SC732), Micro-ATX (SC731)
- Optimized cooling technology allows for **21dB** Whisper-Quiet operation (SC732)
- High Efficiency power supplies
- Kensington lock security
- Optional all-in-one card reader available
- Optional LCD display panel

Optimized Mid-Tower Chassis Solutions

- Supports Intel® Xeon® Next Generation Processor (codenamed Sandy Bridge) for Single socket Systems and 2nd Generation Core™ i3, Pentium® Processors in Single Socket H2 (LGA 1155)
- Up to 32 GB ECC UDIMM DDR3 in 4 sockets
- 500W 80Plus® Bronze Level High-efficiency power supply
- 1x Whisper-quiet exhaust fan w/ optimal Fan Speed Control
- Supports up to 7x tool-less full-height and full-length expansion slots
1 x16 PCI-E 2.0 slot,
1 x4 PCI-E 2.0 in x8 slot and
1 x4 PCI-E 2.0 slot,
3x PCI-32 slots.
- On Board Device & I/O ports
2 SATA 3.0, 6Gb/s (RAID 0,1)
4 SATA 2.0 (RAID 0,1, 5, 10)
Dual Intel 82574L, 2 Gbit LAN Ports
8 USB 2.0 (2 rear, 6 by headers)
TPM 1.2 20-pin header ready



- Optional LCD Panel
- 2x 5.25" & 1x 3.5" drive bays
- Versatile Front I/O Access (see below for details)
- 90° rotatable HDD cage design; One push HDD installation. Cage supports 4x 3.5" SAS/ SATA HDDs
- Optional 4x 2.5" internal fixed HDD bays
- Optional 12 cm whisper-quiet cooling fan



SuperServer® 5037C-T

X9SCA Serverboard + SC732 Mid-Tower Chassis

SC732 Mid-Tower Features:

- Cost-effective & rich features
- Super-quiet cooling technology (<21dB)
- 500W/865W power supply
- Maximum MB size E-ATX (12"x13")
- 4x 3.5" internal HDD drive
Optional 4x 2.5" internal HDD drive
- Peripheral drives:
2x 5.25" drive bays
1x 3.5" drive bay
- 7x full-height, full-length expansion slots
- Versatile Front I/O Access (4 models):
- SC732D4F
- SC732D4
- SC732D2
- SC732i



Front View



SC732D4F
Front Audio
2x USB3.0
2x USB2.0
2x IEEE 1394a ports



SC732D4
Front Audio
2x USB3.0
2x USB2.0



SC732D2
Front Audio
2x USB2.0



SC732i
2x USB2.0



Rear View

SC732 Series Mid-Tower Chassis

UP Motherboards Optimized for SC732/SC731 Chassis

Workstation/Desktop Motherboards



C7P67

High Performance Overclocking Desktop and Gaming Board

- Intel® 2nd Gen. Core™ i7/i5/i3 processors; socket H2 (LGA 1155)
- Up to 32GB DDR3 non-ECC UDIMMs on 4 DIMM slots
- Dual Realtek RTL8111E Gigabit Ethernet LAN ports
- 4x SATA3 (6 Gb/s) w/ RAID 0, 1; 4x SATA2 (3 Gb/s) w/ RAID 0, 1, 5, 10
- 1x PCI-E 2.0 x16 (x8 if slot 4 is used), 1x PCI-E 2.0 x8 (in x16), 3x PCI-E 2.0 x1, and 2x 32-bit PCI slots
- TPM 1.2 20-pin header ready
- HD 7.1 Audio
- 2x USB 3.0 ports, 12x USB 2.0 ports (8 rear + 4 via internal headers)
- ATX 12" x 9.6"



C7Q67

Micro-ATX Desktop Board for Embedded and Enterprise Applications

- Intel® 2nd Gen. Core™ i7/i5/i3 processors; socket H2 (LGA 1155)
- Up to 32GB DDR3 1333/1066MHz non-ECC UDIMMs on 4 DIMM slots
- Intel® 82579LM and 82574L Gigabit Ethernet controller; 2 LAN ports
- 2x SATA3 (6 Gb/s) w/ RAID 0, 1; 4x SATA2 (3 Gb/s) w/ RAID 0, 1, 5, 10
- 1x PCI-E 2.0 x16, 1x PCI-E 2.0 x4, 1x PCI-E 2.0 x1, & 1x 32-bit PCI slot
- TPM 1.2 20-pin header ready
- HD 7.1 Audio
- 2x HDMI 1.4 & 1x VGA ports
- 2x USB 3.0 ports, 12x USB 2.0 ports (4 rear + 8 via internal headers)
- AMT 7.0 & vPro 7.0
- Micro-ATX 9.6" x 9.6"



C7SIM-Q

Micro-ATX Desktop Board for Embedded and Enterprise Applications

- Intel® Core™ i7, i5, i3 and Pentium® processors (LGA1156)
- Intel® Q57 Express chipset
- Up to 16GB unbuffered non-ECC DDR3 1333/1066/800 DIMM
- Intel® 82578DM + 82574L Gigabit Ethernet controllers
- 6x SATA (3Gb/s) drive support
- 1 (x16) PCI-E 2.0 x16; 1 PCI-E x4 (using x16 slot); 1 PCI-E x1 & 1x 32-bit PCI
- HD 7.1 Audio
- 14 USB Ports (8 rear USB ports + 2 "TYPE A" + 2 internal headers)
- 1x DVI & 1x VGA ports
- AMT 6.0 & vPro 6.0
- Micro-ATX 9.6" x 9.6"



C7X58

Intel® X58 Express Chipset-based Desktop Board

- Intel® Core™ i7 and Intel® Xeon® 5600/5500/3600/3500 series processors
- Intel® X58 Express Chipset (QPI up to 6.4 GT/s)
- Up to 24GB DDR3 1600/1333/1066/800 ECC / non-ECC unbuffered DIMM
- Intel® dual 82574L Gigabit Ethernet controller
- 6x SATA (3.0Gb/s) w/ RAID 0, 1, 5, 10
- 2x PCI-E 2.0 x16, 1x PCI-E x4 (using x8 slot), 1x 32-bit PCI slots
- HD 7.1 Audio
- 12x USB 2.0 ports
- Supports NVIDIA SLI® and ATI™ CrossFireX™ Technology
- 2x IEEE 1394a headers
- ATX 12" x 10"



C2G41

Intel® G41 Chipset-based Desktop / Embedded Board

- Intel® Core™ 2, Quad and Duo Pentium® Dual-Core, Celeron® (FSB 1333/1066/800)
- Intel® G41 + ICH7 chipset
- Up to 4GB DDR3 1066/800 non-ECC unbuffered DIMM
- Realtek 8111C Gigabit Ethernet controller
- 4x SATA (3.0Gb/s) + 2x IDE devices support
- 1x PCI-E x16, 1x PCI-E x1, 2x 32-bit PCI slots
- HD 7.1 Audio w/ S/PDIF
- 8x USB 2.0 ports
- HDMI + VGA dual display
- TPM 1.2 onboard
- Micro-ATX 9.6" x 8.6"

Workstation/Desktop Motherboards



C2SEA

Intel® G45 Chipset-based Desktop Board

- Intel® Core™ 2 Extreme, Quad and Duo processors in LGA775 (FSB 1333/1066/800)
- Intel® G45 + ICH10 chipset
- Up to 8GB dual channel unbuffered, non-ECC DDR3 1333/1066/800 SDRAM
- Realtek RTL8111C Gigabit Ethernet Controller
- Built-in SATA2 Controller 6x SATA (3Gb/s)
- 1x PCI-E 2.0 x16, 1x PCI-E x4 (using x16 slot), 1x PCI-E x1, 2x 32-bit PCI slots
- HDMI + HD 7.1 Audio
- 12x USB 2.0 ports, 6 rear + 2 on-board + 4 headers
- 2 IEEE 1394a headers
- ATX 12.0" x 9.6"



X8SAX

Highest Performance Single-Processor Workstation Board

- Intel® Core™ i7 / i7 Extreme Edition, and Intel® Xeon® 5600/5500/3600/3500 series processors
- Intel® X58 Express chipset (QPI up to 6.4 GT/s)
- Up to 24GB DDR3 1333/1066/800 ECC / non-ECC unbuffered DIMM
- Intel® Dual 82574L Gigabit Ethernet Controller
- 6x SATA (3.0Gb/s) w/ RAID 0, 1, 5, 10
- 2x PCI-E 2.0 x16, 1x PCI-E x4 (using X8 slot), 2x 64-bit 1333/100MHz PCI-X, 1x 32-bit PCI slots
- HD 7.1 Audio
- 12x USB 2.0 ports
- 2x IEEE 1394a headers
- ATX 12" x 10"



X8SIA(-F)

3U+ Full-Featured Long Life Server Board

- Intel® Xeon® X3400 / L3400 series, Core™ i3 & Pentium® processors with LGA 1156 socket
- Intel® 3420 chipset
- Up to 32GB DDR3 1333/1066/800MHz ECC Registered DIMM / 16GB unbuffered DIMM
- Dual Intel® 82574L Gigabit Ethernet controllers
- 6x SATA (3 Gb/s) w/ RAID 0, 1, 5, 10
- 1x PCI-E 2.0 x8 (x16 slot), 2x PCI-E 2.0 x8, 1x PCI-E 2.0 x4 (x8 slot), 2x PCI-E x1 and 1x 32-bit PCI slot
- Integrated IPMI 2.0 with KVM and dedicated LAN (X8SIA-F)
- 10x USB (4 rear, 2 on-board, 2 headers)
- ATX 12" x 9.6"

UP Server Boards



X8SIL(-F)

Energy-Efficient Entry Server Platform with IPMI 2.0 Option

- Intel® Xeon® X3400 / L3400 series, Core™ i3 & Pentium® processors with LGA 1156 socket
- Intel® 3420 chipset
- Up to 32GB DDR3 1333/1066/800MHz ECC Registered DIMM / 16GB unbuffered DIMM
- Dual Intel® 82574L Gigabit Ethernet controllers
- 6x SATA (3 Gb/s) w/ RAID 0, 1, 5, 10
- 2x PCI-E 2.0 x8, 1x PCI-E x4 (x8 slot), 1x 32-bit PCI 33MHz
- Integrated IPMI 2.0 with KVM and dedicated LAN (X8SIL-F)
- 7x USB (2 rear, 1 on-board, 2 headers)
- Micro-ATX 9.6" x 9.6"



X8STE

Intel® X58 Express Chipset-based Server Board

- Intel® Core™ i7 / i7 Extreme Edition, and Intel® Xeon® 5600/5500/3600/3500 series processors
- Intel® X58 Express chipset (QPI up to 6.4 GT/s)
- Up to 24GB DDR3 1333/1066/800 ECC / non-ECC unbuffered DIMM
- Dual Intel® 82574L Gigabit Ethernet controller
- 6x SATA (3.0Gb/s) w/ RAID 0, 1, 5, 10
- 1x PCI-E 2.0 x8 (x16 slot), 2x PCI-E 2.0 x8, 1x PCI-E 2.0 x4 (x8 slot), 2x 32-bit PCI 33MHz
- Integrated graphics
- 8x USB (2 rear, 2 on-board, 2 headers)
- ATX 12" x 10"

UP Server Boards



X8ST3-F

High Performance Server Board for 2U+ Servers

- Intel® Core™ i7 / i7 Extreme Edition, and Intel® Xeon® 5600/5500/3600/3500 series processors
- Intel® X58 Express chipset (QPI up to 6.4 GT/s)
- Up to 24GB DDR3 1333, 1066 & 800 ECC / non-ECC unbuffered DIMM
- Dual Intel® 82574L Gigabit Ethernet controller
- LSI 1068E 8-Port SAS w/ RAID 0, 1, 10; 6x SATA (3.0Gb/s) w/ RAID 0, 1, 5, 10
- 3x PCI-E 2.0 x8 (1 in x16 slot), 1x PCI-E x4 (using x8 slot), 2x 32-bit PCI slots
- Integrated IPMI 2.0 with dedicated LAN
- 8x USB (2 rear, 2 on-board, 2 headers)
- ATX 12" x 10"



X9SCL(-F)

Entry-Level Single-Processor Server Board

- Intel® Xeon® Next Generation Processor (codenamed Sandy Bridge) for Single socket Systems and 2nd Generation Core™ i3, Pentium® Processors in Single Socket H2 (LGA 1155)
- Intel® C202 PCH chipset
- 32GB of DDR3 ECC 1333/1066 MHz UDIMMs in 4 DIMMs
- 2x PCI-E 2.0 x8, 1x PCI-E 2.0 x4 (in x8 slot)
- SATA 2.0 (SATA 3 Gb/s) w/ RAID 0, 1, 5, 10
- Dual LAN w/ Intel® Gigabit Ethernet controllers
- Matrox G200eW
- 6x SATA 2.0 (3Gb/s) ports
- 9 USB 2.0 ports
- Dedicated IPMI LAN port (X9SCL-F)
- Micro-ATX 9.6"W x 9.6"H



X9SCM(-F)

Performance 1U/2U Single-Processor Server Board

- Intel® Xeon® Next Generation Processor (codenamed Sandy Bridge) for Single socket Systems and 2nd Generation Core™ i3, Pentium® Processors in Single Socket H2 (LGA 1155)
- Intel® C204 PCH chipset
- 32GB of DDR3 ECC 1333/1066 MHz UDIMMs in 4 DIMMs
- 2x PCI-E 2.0 x8, 2x PCI-E 2.0 x4 (in x8 slots)
- SATA 2.0 (SATA 3 Gb/s) w/ RAID 0, 1, 5, 10
- SATA 3.0 (SATA 6 Gb/s) w/ RAID 0, 1
- Dual LAN w/ Intel® Gigabit Ethernet controllers
- Matrox G200eW
- 2x SATA 3.0 (6Gb/s) & 4x SATA 2.0 (3Gb/s)
- 9 USB 2.0 ports
- Dedicated IPMI LAN port (X9SCM-F)
- Micro-ATX 9.6"W x 9.6"H



X9SCi-LN4(F)

Single-Processor 1U/2U Server Board with Quad LAN

- Intel® Xeon® Next Generation Processor (codenamed Sandy Bridge) for Single socket Systems and 2nd Generation Core™ i3, Pentium® Processors in Single Socket H2 (LGA 1155)
- Intel® C204 PCH chipset
- 32GB of DDR3 ECC 1333/1066 MHz UDIMMs in 4 DIMMs
- 1x PCI-E 2.0 x16, 1x PCI-32 slot
- SATA 2.0 (SATA 3 Gb/s) w/ RAID 0, 1, 5, 10; SATA 3.0 (SATA 6 Gb/s) w/ RAID 0, 1
- Quad LAN w/ Intel® 82574L Gigabit Ethernet controllers
- Matrox G200eW
- 2x SATA 3.0 (6Gb/s) & 4x SATA 2.0 (3Gb/s)
- 8 USB 2.0 ports
- Dedicated IPMI LAN port (X9SCi-LN4F)
- ATX 12"W x 9.6"H, 4 layers



X9SCA(-F)

Performance Single-Processor 3U+ Server Board

- Intel® Xeon® Next Generation Processor (codenamed Sandy Bridge) for Single socket Systems and 2nd Generation Core™ i3, Pentium® Processors in Single Socket H2 (LGA 1155)
- Intel® C204 PCH chipset
- 32GB of DDR3 ECC 1333/1066 MHz UDIMMs in 4 DIMMs
- 1x PCI-E 2.0 x16; 2x PCI-E 2.0 x4 (in x8 slots); 3x PCI-32 slots
- SATA 2.0 (SATA 3 Gb/s) w/ RAID 0, 1, 5, 10
- SATA 3.0 (SATA 6 Gb/s) w/ RAID 0, 1
- Dual LAN w/ Intel® 82574L Gigabit Ethernet controllers
- Matrox G200eW
- 2x SATA 3.0 (6Gb/s) & 4x SATA 2.0 (3Gb/s)
- 8 USB 2.0 ports
- Dedicated IPMI LAN port (X9SCA-F)
- ATX 12"W x 9.6"H, 4 layers

* Please check "Tested Memory List" on Supermicro website for compatibility.

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SUPERMICRO® New-Generation UP Desktop Solutions

Supermicro Premium Desktop Motherboards

Supermicro's latest premium desktop motherboards and systems demonstrate huge leaps in quality, performance, and visual processing capabilities, thus bringing server grade quality to the desktop. The motherboards include up to 20% more components to ensure the best signal integrity; highest quality all-solid Japanese capacitors; and 3-year limited warranty protection. Incredible processing speed gains come courtesy of the Intel® 2nd Generation Core™ (LGA 1155) processor, built-in visual processing hardware, and Turbo Boost Technology 2.0. Media processing capabilities are enhanced with 7.1 HD Audio and S/PDIF, ATI Crossfire support, four SATA 3.0 6Gb/s ports, two USB 3.0 5Gb/s ports, DOM (Disk on Module) support, and two IEEE 1394a headers. These features provide the overclocking professional and extreme gaming enthusiast with the best in extended performance and the ultimate in flexibility.



C7P67



C7Q67

Supermicro UP Building Block Solutions®

Supermicro Server Building Block Solutions® include a full line of state-of-the-art, high-end UP serverboards, and chassis with patented redundant power supplies, 100% redundant cooling systems with highly effective heatsink and fan designs, components, and system management hardware and software. With improved high-efficiency power supply modules, these highly advanced products offer unparalleled performance and unbeatable cost savings in flexible Mid-Tower and Desktop.

Optimized Mid-Tower Chassis



SC731 Series

- Mini-Tower PC chassis with server-grade quality and reliability
- 300W high-efficiency power supply
- 90° rotatable HDD cage design; stamped motherboard support (no standoffs required)
- 2x 5.25" external drive bays, 4x 3.5" internal drive bays, and 1x 3.5" external drive bay (for card reader)
- Optional Card Reader with E-SATA/USB/IEEE 1394a ports
- Supports max. motherboard size - 9.6"x9.6" Micro-ATX
- Supports Single Intel® / AMD processor
- Rear 9cm PWM cooling fan with tool-less design
- 1x 8cm front Intake fan (optional)
- 4x full-height, full-length I/O expansion slots
- Front power switch & 3 LED indicators
- Quick installation: tool-less side panels, drive bays
- Kensington lock security
- Dimensions: 14.25"W x 7.25"H x 16.75"D;
- Package: 21"W x 11"H x 23"D



SC732 Series

- Versatile Front I/O Access (4 models: SC732D4F, SC732D4, SC732D2 and SC732I)
- 500W/865W high-efficiency power supply
- Tool-less side panel; tool-less 5.25" (DVD), 3.5" (card reader) device and add-on-card installation
- 90° rotatable HDD cage design; 4x 3.5" internal fixed HDD bays; and optional 4x 2.5" internal fixed HDD bays
- One push HDD installation; folded edge for safe handling
- Optional All-In-One card reader available (for SC732D only)
- Supports max. motherboard size - 12"x13" E-ATX, 12"x10" ATX and 9.6"x9.6" Micro-ATX
- Supports Single and Dual Intel® / AMD processor
- Supports up to 7x full-height, full-length expansion slots
- Peripheral Drives: 2x standard 5.25" bays; 1x 3.5" bay
- Cooling system: 1x 12cm (1850rpm) rear exhaust fan; optional 1x 12cm (1850rpm) front cooling fan
- Dimensions: 16.7"W x 7.6"H x 20.68"D;
- Package: 21.38"W x 11.97"H x 25.28"D