SuperServer 1015B-3B

Available Colors: Black

Integrated Board

Super X7SB3-F

▸ Drivers & Utilities ▸ BIOS ▸ Tested Memory List ▸ Manuals

Key Features

1. Intel® Xeon® 3200 Series, Xeon® 3000 Series in LGA775 Package (FSB 1333/1066/800)
2. Up to 8GB unbuffered ECC / non-ECC DDR2 800/677 SDRAM
3. 1 (x8) PCI-Express Slot
4. Intel® Dual 82574L PCI-e Gigabit Controllers
5. On board Winbond® integrated Graphics
6. 4 x 2.5" Hot-swap SAS Drive Trays
7. 560W 85%+ High-efficiency Power Supply
8. On board IPMI with dedicated LAN

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

Specifications

Product SKUs	
SYS-1015B-3B	SuperServer 1015B-3B (**Black**)

Motherboard	
Super X7SB3-F	

Processor/Cache	
CPU	▪ Single LGA775 ZIF Socket ▪ Supports Quad-Core **Intel® Xeon® X3300/X3200** series ▪ Supports Dual-Core **Intel® Xeon® E3100/3000** series ▪ Supports **Intel® Xeon® processor L3360 and L3110** series ▪ Supports **Intel® Core™2 Quad Q9000/Q8000/Q6000** series ▪ Supports **Intel® Core™2 Duo E8000/E7000/E6000/E4000** series ▪ Supports **Intel® Pentium® E5000/E2000** series ▪ Supports **Intel® Celeron® E1000 and 400** series ▪ **NOTE: Intel Xeon processor L3014 requires an LGA771 socket and is not supported.**
System Bus	▪ 1333 / 1066 / 800 MHz system bus

System Memory	
Memory Capacity	▪ Four 240-pin DIMM sockets ▪ Supports up to 8 GB of memory (Dual Channel)
Memory Type	▪ DDR2 800/667MHz unbuffered ECC / non-ECC SDRAM, 240-pin gold-plated DIMMs
DIMM Sizes	▪ 256 MB, 512 MB, 1 GB, 2GB, 4GB
Memory Voltage	▪ 1.8V only

On-Board Devices	
Chipset	▪ Intel 3210 chipset ▪ ICH9 +2x Intel® 82574L + LSI 1068E
SAS	▪ LSI SAS1068E ▪ RAID 0, 1, 10 support ▪ (Optional: AOC-IButton68) RAID 5 support
Serial ATA	▪ Intel® ICH9 SATA2 (3 Gbps) controller built-in
IPMI	▪ On board IPMI with dedicated LAN ▪ Support for Intelligent Platform Management Interface v.2.0 ▪ IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ▪ Winbond® WCPM450
Network Controllers	▪ 2x Single-port Gigabit PCI-Express Ethernet Controllers ▪ Intel® 82574L ▪ Supports 10BASE-T, 100BASE-T, 1000BASE-T, RJ45 output
VGA	▪ On-board Winbond® integrated Graphics
Super I/O	▪ Winbond 83627DHG chip
Clock Generator	▪ CK505

Input / Output	
SAS	▪ 8 SAS / SATA ports
Serial ATA	▪ Two Serial ATA ports (3 Gbps performance) ▪ Two SATA hard drives supported
Floppy	▪ 1 Floppy controller; 1.44 MB
LAN	▪ 2x RJ45 LAN ports
USB	▪ Up to 8x USB 2.0 / 1.1 compliant ports ▪ 2 rear ports ▪ 2 internal headers + 2 on-board
VGA	▪ 1x VGA port
Keyboard / Mouse	▪ PS/2 keyboard and mouse ports
Serial Ports	▪ 1x Fast UART 16550 serial port ▪ 1x internal header

System BIOS	
BIOS Type	▪ 16Mb Flash EEPROM with Phoenix BIOS®
BIOS Features	▪ Plug and Play (PnP) ▪ DMI 2.3 support ▪ PCI 2.2 ▪ ACPI 1.0/2.0 ▪ SMBIOS 2.3 ▪ USB Keyboard support

Chassis	
Form Factor	▪ 1U Rackmount
Model	▪ CSE-111T-560CB

Dimensions	
Height	▪ 1.7" (43mm)
Width	▪ 16.8" (426mm)
Depth	▪ 21.95" (558mm)
Gross Weight	▪ 35 lbs (15.9kg)
Available Colors	▪ Black

Front Panel	
Buttons	▪ Power On/Off button ▪ System Reset button
LEDs	▪ Power status LED ▪ HDD activity LED ▪ 2x Network activity LEDs

Expansion Slots	
PCI-Express	▪ 1 (x8) PCI-e slot

Drive Bays	
Hot-swap	▪ 4x 2.5" Hot-swap SAS / SATA drive bays

SAS / SATA Backplane
1x SAS / SATA Backplane

System Cooling	
Fans	▪ 3x 40x56mm Counter Rotating Fans ▪ 2x 40x28mm fans for add-on card (optional)

Power Supply	
560W AC to DC power supply w / PFC	
AC Voltage	▪ 100-240 V, 50-60 Hz, 6.5-2.6 Amp
+5V	▪ 15 Amp
+5V standby	▪ 2 Amp
+12V	▪ 46.5 Amp
-12V	▪ 0.5 Amp
+3.3V	▪ 15 Amp
Certification	80 PLUS SILVER — Silver Certified [Test Report]

PC Health Monitoring	
CPU	▪ Monitors for CPU Cores (+1.8V, +3.3V, +5, ±12V, +3.3V Standby, +5V Standby, VBAT, HT, Memory, Chipset) ▪ CPU Core 4-Phase-switching voltage regulator with auto-sense from 0.3750V-1.6000V ▪ Adjustable CPU clock frequency ratio
FAN	▪ Total of six 4-pin fan headers ▪ 6x fans with tachometer monitoring ▪ Status monitor with firmware / software speed control ▪ Status monitor for on/off control ▪ Support 3-pin fans (without speed control) ▪ Low noise fan speed control ▪ Pulse Width Modulated (PWM) fan connector
Temperature	▪ Monitoring for CPU and chassis environment ▪ CPU Thermal Trip support ▪ Thermal Monitor (TM2) Support ▪ PECI
LED	▪ CPU / System Overheat LED ▪ +5 Standby alert LED
Other Features	▪ Chassis intrusion detection ▪ Chassis intrusion header

Operating Environment / Compliance	
RoHS	▪ RoHS Compliant 6/6, Pb Free
Environmental Spec.	▪ Operating Temperature: 10°to 35°C (50°to 95°F) ▪ Non-operating Temperature: -40°to 70° C (-40°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-X7SB3-F	4	Super X7SB3-F Motherboard
	CSE-111T-560CB	1	1U Black Chassis
Air Shroud	MCP-310-11106-OB	1	1U Air Shroud
Backplane	BPN-SAS-809TQ	1	Sup 4x2.5ö SAS/SATA hdd; SATA con
Cable 1	CBL-0296L	3	4 pin to 4 pin fan extension cord, for PWM fan. 23cm. 24AWG
Cable 2	CBL-0061L	4	35CM end to end, SATA CABLE, PB FREE, 26AWG, flat
Cable 3	CBL-0157L	1	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
CD	CDR-X7-UP	1	DRIVER CD FOR X7 UP MOTHERBOARDS
Riser Card	RSC-RR1U-E8	1	RSC-RR1U-E8 (Rev 4.00)
Heatsink / Retention	SNK-P0016P	1	CPU HS FOR INTEL PD AND PD+ PROCESSORS
Power Supply	PWS-562-1H	1	560W MULTIPLE OUTPUT W/HARNESS STD 24PIN
Cable 4	CBL-0277L	1	big 4 pin HDD POWER CABLE, 32cm. 20AWG
Cable 5	CBL-0306L	1	FRONT CTRL CABLE ROUND 16 pin TO 16 pin RIBBON, 65CM. 28AWG
Fan 1	FAN-0101L4	3	40x56,4 Pin PWM,Primary for SC809,111, Sec.for SC816,819,808
Mounting Rails	MCP-290-00050-0N	1 set	Rail set, (inner rail: quick-release, outer rail: screw -type)
Drive Tray(s)	MCP-220-00047-0B	4	Hot-swappable Hard Drive Tray (B = Black)

Optional Parts List

	Part Number	Qty	Description
Peripheral Drives	DVM-TEAC-824B	-	Black slim IDE DVD (8x DVD, 24x CDR), TEAC
	CDM-PSATA	-	mini IDE to SATA adapter for slim CDR, DVD

Copyright © 2015 Super Micro Computer, Inc.
Information in this document is subject to change without notice.
Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.