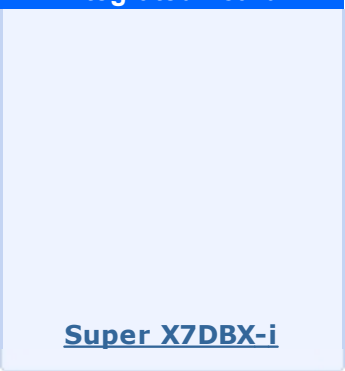


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SuperServer 6015X-TV / 6015X-TB

Products Systems 1U [6015X-TV / 6015X-TB]



Integrated Board

Available Colors:

Black

Silver

Drivers & Utilities

BIOS

Tested Memory List

Manuals

Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 667 / 1066 / 1333 MHz FSB

2. Up to 32GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)

3. Left Universal slot supporting:
1 (x8) PCI-Express OR
1x 64-bit 133MHz PCI-X

4. Right Universal slot supporting:
1 (x4) PCI-Express, or
1x 64-bit 133MHz PCI-X

5. Left Auxiliary slot supporting:
1 (x8), PCI-Express

6. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet Controller

7. 3 x 3.5" Hot-sw ap SATA Drive Bays

8. 700W High-efficiency Pow er Supply

Specifications

Product SKUs	
SYS-6015X-TV	▪ SuperServer 6015X-TV (Silver)
SYS-6015X-TB	▪ SuperServer 6015X-TB (Black)
Motherboard	
Super X7DBX-i	
Processor/Cache	
CPU	▪ Dual 771-pin LGA Sockets ▪ Supports up to tw o Intel® 64-bit Xeon® processor(s) of the same type below : ▪ Quad-Core Intel® Xeon®Processor 5400/5300 sequence (Harpertown /Clovertown processor) up to 3.16 GHz ▪ Dual-Core Intel® Xeon®Processor 5200/5100/5000 sequence (Wolfdale /Woodcrest/Dempsey processor) up to 3.40 GHz
System Bus	▪ 1333 / 1066 / 667 MHz system bus
Operating System Software	▪ Supports 64-bit Operating Systems ▪ Supports 32-bit Operating Systems
System Memory	
Memory Capacity	▪ Eight 240-pin DIMM sockets ▪ Supports up to 32 GB 667 / 533MHz DDR2 ECC FB-DIMM memory ▪ Dual branch memory bus ▪ Memory must be populated in pairs ▪ Memory Mirroring supported
Memory Type	▪ 667 / 533MHz FB-DIMM (Fully Buffered DIMM) ECC DDR2 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	▪ 512 MB, 1GB, 2GB, 4GB
Memory Voltage	▪ 1.8V only ▪ 1.5V(AMB)
Error Detection	▪ Corrects single-bit errors ▪ Detects double-bit errors (using ECC memory) ▪ Supports Intel® x4 and x8 Single Device Data Correction (SDDC)
On-Board Devices	
Chipset	▪ Intel® 5000P (Blackford) chipset ▪ MCH + PXH + ESB2
SATA	▪ Intel ESB2 SATA 3.0Gbps Controller ▪ RAID 0, 1, 5, 10 support (Window s Only) ▪ RAID 0, 1, 10 support (Linux)
IPMI	▪ Support for Intelligent Platform Management Interface v.2.0 ▪ 200-pin IPMI socket (SIM1U) ▪ (Optional: AOC-SIM1U-3B(+) and AOC-SIM1U-3D)
Network Controllers	▪ Intel® (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller ▪ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output ▪ Intel® I/OAT support for fast, scaleable, and reliable netw orking
Graphics	▪ ATI ES1000 controller with 16 MB of video memory
Super I/O	▪ Winbond 83627HG chip
Input / Output	
Serial ATA	▪ Six Serial ATA ports ▪ 3 Gbps transfer rate ▪ Six SATA hard drives supported
IDE	▪ Single EIDE channel supports up to tw o UDMA IDE devices (IDE-M, IDE-S) including CF(Compact Flash) Card ▪ Compact Flash (40-pin connector, IDE 1, single channel) slot ▪ Supports UDMA Mode 5, PIO Mode 4, and ATA/100
Floppy	▪ 1 Floppy controller; 1.44 MB, 2.88 MB
LAN	▪ 2x RJ45 LAN ports
USB	▪ 2x USB rear ports ▪ 3x USB internal headers ▪ Total 5 USB 2.0 Compliant / 1.1 Compliant
VGA	▪ 1x VGA Port
Keyboard / Mouse	▪ PS/2 keyboard and mouse ports
Serial Port / Header	▪ 1 Fast UART 16550 serial port ▪ 1 Fast UART 16550 serial header
Chassis	
Form Factor	▪ 1U Rackmount
Model	▪ SC819TQ-700V(B) (B = Black)
Dimensions	
Height	▪ 1.7" (43mm)
Width	▪ 19" (483mm)
Depth	▪ 27" (686mm)
Gross Weight	▪ 38.5 lbs (17.5kg)
Available Colors	▪ Silver, Black
Front Panel	
Buttons	▪ Pow er On/Off button ▪ UID button
LEDs	▪ Pow er LED ▪ Hard drive activity LED ▪ 2x Netw ork activity LEDs ▪ System Overheat LED ▪ UID LED
Expansion Slots	
Left Universal Slot	▪ 1 PCI-Express (x8) Slot OR ▪ 1 64-bit 133MHz PCI-X (3.3V) Slot ▪ Full-height, Full-length
Right Universal Slot	▪ 1 PCI-Express (x4) Slot OR ▪ 1x 64-bit 133MHz PCI-X (3.3V) Slot ▪ Low -profile
Drive Bays	
Hot-swap	▪ 3x 3.5" Hot-sw ap SATA drive bays
Peripheral Drives	
DVD-ROM	▪ Slim 8x DVD, 24x CD, DVD-ROM drive
SATA Backplane	
1U SATA Backplane w / Enclosure Management	
System Cooling	
Fans	▪ 5x Cooling Fans
Shroud	▪ 1x Air Shroud
Power Supply	
700W AC pow er supply w / PFC	
AC Voltage	▪ 100 - 240V, 50-60Hz, 10 - 4 Amp
+5V standby	▪ 4 Amp
+12V	▪ 57 Amp
+5V	▪ 20 Amp
+3.3V	▪ 20 Amp
-12V	▪ 0.6 Amp
System BIOS	
BIOS Type	▪ 8Mb Flash EEPROM with Phoenix® BIOS
BIOS Features	▪ Plug and Play (PnP) ▪ SMBIOS 2.3 ▪ DMI 2.1 ▪ PCI 2.2 ▪ ACPI 1.0 ▪ USB Keyboard support ▪ Hardw are BIOS Virus protection
Operating Environment / Compliance	
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	Descriptin
Motherboard / Chassis	MBD-X7DBX-i-O-P	1	Super X7DBX-i Motherboard
	CSE-819TQ-700V(B)	1	Silver 1U Chassis (B = Black)
Air Shroud	MCP-310-00014-01	1	Cooling Air Shroud
Backplane	BPN-SAS-818TQ	1	1U SAS / SATA Backplane
Cable(s)	CBL-0087	1	Front Panel Sw itch Cable (Round), 16-pin to 16-pin, 51cm, Pb-free
	CBL-0134L	1	35cm 80-Wire IDE (DVD-ROM) Cable
	CBL-0137L-02	1	IPASS (SFF-8087) to 4 SATA Straight w /Sideband 32cm, Pb free
CD	CDR-X7	1	Driver CD
Fan(s)	FAN-0085	5	6-pin Counter-rotating Cooling Fan
Floppy Cover	CSE-PT94L-V(B0)	1	Silver Floppy Drive Dummy Cover (B0 = Black)
Hard Drive Trays	MCP-220-00001-03(01)	3	Silver Hot-sw appable Hard Drive Trays (01 = Black)
Heatsink	SNK-P0017	2	Please refer to our Thermal Components Matrix
Manual	MNL-0888	1	SS6015X-TV User's Manual
Mounting Rails	CSE-PT51	1	1U Mounting Rail Kit
Peripheral Drives	DVM-PNSC-824(B)	1	Panasonic 8x DVD, 24x CD, DVD-ROM Drive
Power Distributor	PDB-PT819-S20	1	Power Distributor Backplane
Power Supply	PWS-707-1S	1	700W 1U pow er supply
Riser Card	CSE-RR1U-X	1	1U 1-Slot 64-bit 3.3V PCI-X - Left Side
	CSE-RR1U-XR	1	1U 1-Slot 64-bit 3.3V PCI-X - Right Side
	CSE-RR1U-EL	1	1U PCI-E to PCI-E Riser Card - Left Side
	CSE-RR1U-ER	1	1U PCI-E to PCI-e Riser Card - Right Side
	RSC-R1UEP-2E8	1	1U PCI-E (x16) to 2 PCI-e (x8) Riser Card

Optional Parts List			
	Part Number	Qty	Description
IPMI	AOC-SIM1U-3B	-	IPMI 2.0 w / Virtual Media Over LAN
	AOC-SIM1U-3D	-	Dedicated LAN & 3rd Data LAN Ports; Works with AOC-SIM1U-3B (+)
Peripheral Drives	FPD-TEAC-S(B)	-	Slim Silver Floppy Drive (B = Black)
Riser Card	RSC-R1UEP-A2X	-	1U PCI-E (x16) to 2 64-bit PCI-X 133MHz Riser Card