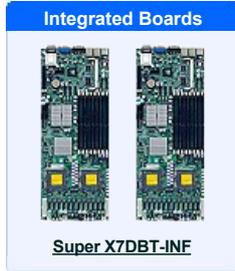


# SuperServer 6015T-INFV / 6015T-INFB

Products ▶ Systems ▶ 1U ▶ [ 6015T-INFV / 6015T-INFB ]



Available Colors: Black  Silver

## Key Features

**Two systems (nodes) in a 1U form factor. Each node supports the following:**

1. Dual-processor Quad & Dual Core Intel® 64-bit Xeon® Support, 667 / 1066 / 1333MHz FSB
2. Up to 32GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)
3. 1 (x8) PCI-Express
5. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet Controller
6. 2x Hot-swap SATA Drive Bays
7. Infiniband MT25204 20Gbps Controller
8. 900/980W High-efficiency Power Supply

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

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

## Specifications

Product SKUs	
SYS-6015T-INFV	■ SuperServer 6015T-INFV (Silver)
SYS-6015T-INFB	■ SuperServer 6015T-INFB (Black)
Motherboards	
Super X7DBT-INF	
Processor/Cache	
CPU	<ul style="list-style-type: none"> <li>■ Dual 771-pin LGA Sockets</li> <li>■ Supports up to two Intel® 64-bit Xeon® processor(s) of the same type below:</li> <li>■ <b>Quad-Core Intel® Xeon® Processor 5400/5300 sequence (Harpertown /Clovertown processor)</b> up to 3.16 GHz</li> <li>■ <b>Dual-Core Intel® Xeon® Processor 5200/5100/5000 sequence (Wolfdale /Woodcrest/Dempsey processor)</b> up to 3.40 GHz</li> </ul>
	System Bus
Operating System Software	<ul style="list-style-type: none"> <li>■ Supports 64-bit Operating Systems</li> <li>■ Supports 32-bit Operating Systems</li> </ul>
System Memory (per Node)	
Memory Capacity	<ul style="list-style-type: none"> <li>■ Eight 240-pin DIMM sockets</li> <li>■ Supports up to 32 GB 667 / 533MHz DDR2 ECC FB-DIMM memory</li> <li>■ Dual branch memory bus</li> <li>■ Memory must be populated in pairs</li> <li>■ Memory Mirroring supported</li> </ul>
	Memory Type
DIMM Sizes	■ 512 MB, 1GB, 2GB, 4GB
Memory Voltage	<ul style="list-style-type: none"> <li>■ 1.8V only</li> <li>■ 1.5V (AMB)</li> </ul>
Error Detection	<ul style="list-style-type: none"> <li>■ Corrects single-bit errors</li> <li>■ Detects double-bit errors (using ECC memory)</li> <li>■ Supports Intel® x4 and x8 Single Device Data Correction (SDDC)</li> </ul>

Chassis	
Form Factor	■ 1U Rackmount
Model	■ SC808T-980V(B)
Dimensions	
Height	■ 1.7" (43mm)
Width	■ 17.2" (437mm)
Depth	■ 27.75" (705mm)
Gross Weight	■ 40 lbs (18.1kg)
Available Colors	■ Silver, Black
Front Panel (per Node)	
Buttons	<ul style="list-style-type: none"> <li>■ Power On/Off button</li> <li>■ System Reset button</li> </ul>
	LEDs
Expansion Slots (per Node)	
PCI-Express	■ 1 (x8) PCI-e slot
Drive Bays (per Node)	
Hot-swap	■ 2x 3.5" SATA Hot-swap drive bays
SATA Backplane	
1U SATA Backplane	
System Cooling	
Fans	■ 6x Cooling Fans
Power Supply	
980W AC-DC power supply w/ PFC	
AC Input	■ 100 - 240V, 60-50Hz, 14-6 Amp
+5V sb	■ 4 Amp
+12V	■ 81 Amp
System BIOS	
BIOS Type	<ul style="list-style-type: none"> <li>■ 8Mb Flash EEPROM with Phoenix® BIOS</li> <li>■ Plug and Play (PnP)</li> <li>■ SMBIOS 2.3</li> <li>■ DMI 2.3</li> </ul>
BIOS	

On-Board Devices	
<b>Chipset</b>	<ul style="list-style-type: none"> <li>Intel® 5000P (Blackford) chipset</li> <li>MCH + ESB2</li> </ul>
<b>Infiniband</b>	<ul style="list-style-type: none"> <li>Mellanox MT25204AD-FCC-D Single-Port</li> </ul>
<b>SATA</b>	<ul style="list-style-type: none"> <li>Intel ESB2 SATA 3.0Gbps Controller</li> <li>RAID 0, 1, 5, 10 support (Windows Only)</li> <li>RAID 0, 1, 10 support (Linux)</li> </ul>
<b>IPMI</b>	<ul style="list-style-type: none"> <li>Support for Intelligent Platform Management Interface v.2.0, v.1.5</li> <li>200-pin IPMI slot (SIMSO)</li> <li>(Optional: AOC-SIMSO(+))</li> </ul>
<b>Network Controller</b>	<ul style="list-style-type: none"> <li>Intel® (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller</li> <li>Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li> <li>Intel® I/OAT support for fast, scaleable, and reliable networking</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>ATI ES1000 controller with 16 MB of video memory</li> </ul>
<b>Super I/O</b>	<ul style="list-style-type: none"> <li>Winbond 83627HF chip</li> </ul>
<b>Clock Generator</b>	<ul style="list-style-type: none"> <li>CK410B</li> </ul>
Input / Output (per Node)	
<b>Serial ATA</b>	<ul style="list-style-type: none"> <li>Four Serial ATA ports</li> </ul>
<b>LAN</b>	<ul style="list-style-type: none"> <li>2x RJ45 LAN ports</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>2x USB rear ports</li> <li>2x USB internal headers</li> <li>Total 4 USB 2.0 Compliant</li> </ul>
<b>VGA</b>	<ul style="list-style-type: none"> <li>1x VGA Port</li> </ul>
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>1 Fast UART 16550 serial port</li> </ul>

Features	
	<ul style="list-style-type: none"> <li>PCI 2.2</li> <li>ACPI 1.0/2.0</li> <li>USB Keyboard support</li> </ul>
Operating Environment / Compliance	
	<ul style="list-style-type: none"> <li>Operating Temperature: 10°C to 35°C (50°F to 95°F)</li> <li>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)</li> <li>Operating Relative Humidity: 8% to 90% (non-condensing)</li> <li>Non-operating Relative Humidity: 5% to 95% (non-condensing)</li> </ul>
Environmental Specifications	

### Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
<b>Motherboard / Chassis</b>	MBD-X7DBT-INF-B	2	Super X7DBT-INF Motherboard
	CSE-808T-980V(B)	1	1U Silver SC808 Chassis (B = Black)
<b>Backplane</b>	BPN-SAS-808	1	1U SAS / SATA Backplane
<b>Cable(s)</b>	<a href="#">CBL-0087</a>	1	Front Panel Switch Cable (Round), 16-pin to 16-pin, 51cm, Pb-free
	<a href="#">CBL-0201L</a>	1	SATA Set of 4 (Round) Straight to Right Angle, (51/47/41/37)cm
	<a href="#">CBL-0212L</a>	1	Power Cord
<b>CD</b>	CDR-X7	1	Driver CD
<b>Fan(s)</b>	FAN-0085L	6	6-pin Counter-rotating Cooling Fan
<b>Front Panel</b>	MCP-280-81301-0N	1	Front Control Panel
<b>Hard Drive</b>	MCP-220-00001-03(01)	4	Silver Hot-swappable Hard Drive Trays (01 = Black)
<b>Heatsink / Retention</b>	SNK-P0017	4	Please refer to our <a href="#">Thermal Components Matrix</a>
<b>Mounting Rails</b>	CSE-PT51L	1	1U Mounting Rail Kit
<b>Power Distributor</b>	PDB-PT808-S20	1	Power Backplane
<b>Power Supply</b>	PWS-981-1S	1	980W 1U Cold Swap 12V power supply
<b>Riser Card</b>	RSC-R1U-E8R	2	1U: PCI-E x8 Slot to 1 PCI-E x8 Slot

Optional Parts List			
	Part Number	Qty	Description
<b>IPMI</b>	AOC-SIMSO	-	IPMI 2.0 w/ Virtual Media Over LAN
	AOC-SIMSO+	-	IPMI 2.0 w/ Virtual Media + KVM Over LAN

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