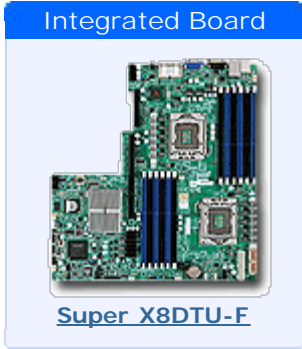


# SuperServer 6026T-URF



Available Colors:      Black

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

## Key Features

1. Intel® Xeon® processor 5600/5500 series, with QPI up to 6.4 GT/s
2. Up to 192GB DDR3 1333/ 1066/ 800MHz ECC Registered DIMM / 48GB Unbuffered DIMM
3. Left Slot (Full-height / Full-length): 3 (x8) PCI-E 2.0 + 1 UIO
4. Intel® 82576 Dual-port Gigabit Ethernet Controller
5. 8 x 3.5" Hot-swap Drives Trays
6. 720W High-efficiency Gold Level Redundant Power Supply
7. Integrated IPMI 2.0 with Dedicated LAN

## Specifications

### Product SKUs

SYS-6026T-URF      ■ SuperServer 6026T-URF (Black)

### Motherboard

Super X8DTU-F

### Processor/Cache

#### CPU

- Dual 1366-pin LGA Sockets
- Supports up to two Intel® 64-bit Xeon® processor(s) of the same type below:
- Intel® Xeon® Processor X5600/E5600/L5600 Series (Westmere) 40W - 130W
- Intel® Xeon® Processor X5500/E5500/L5500 Series (Nehalem-EP) 38W - 95W

### Chassis

Form Factor      ■ 2U Rackmount

Model      ■ SC825TQ-R720UB

### Dimensions

Height      3.5" (89mm)

Width      17.2" (437mm)

Depth      25.5" (648mm)

Gross Weight      55 lbs (24.9kg)

Available Colors      Black

### Front Panel


Buttons

- Power On/Off button
- System Reset button

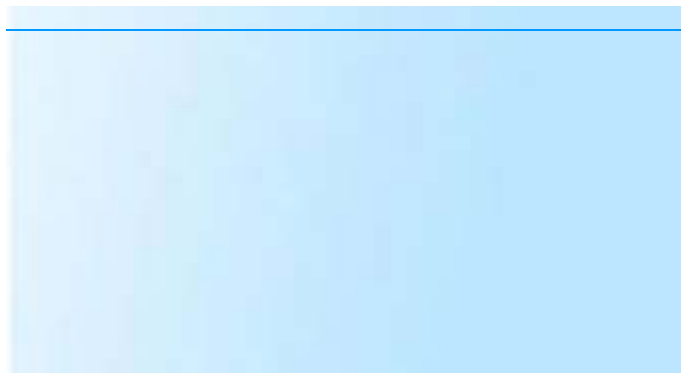
LEDs

- Power LED
- Hard drive activity LED
- 2x Network activity LEDs
- System Overheat / Fan Fail LED

QPI	up to 6.4 GT/s
<b>System Memory</b>	
Memory Capacity	<ul style="list-style-type: none"> <li>12x 240-pin DIMM sockets</li> <li>Supports up to 192 GB 1333 / 1066 / 800MHz DDR3 ECC Registered memory</li> <li>Supports up to 48 GB 1333 / 1066 / 800MHz DDR3 ECC / Non ECC Unbuffered memory</li> <li>Memory Mirroring supported</li> </ul>
Memory Type	<ul style="list-style-type: none"> <li>1333 / 1066 / 800MHz ECC Registered / ECC or Non ECC Unbuffered DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs</li> </ul>
DIMM Sizes	<ul style="list-style-type: none"> <li>1GB, 2GB, 4GB , 8GB , 16GB</li> </ul>
Memory Voltage	<ul style="list-style-type: none"> <li>1.5 V / 1.35V</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>
<b>On-Board Devices</b>	
Chipset	<ul style="list-style-type: none"> <li>Intel® 5520 (Tylersburg) chipset</li> <li>ICH10R + IOH-36D</li> </ul>
SATA	<ul style="list-style-type: none"> <li>Intel ICH10R SATA 3.0Gbps Controller</li> <li>RAID 0, 1, 5, 10 support</li> </ul>
IPMI	<ul style="list-style-type: none"> <li>Support for Intelligent Platform Management Interface v.2.0</li> <li>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</li> <li>Winbond® WPCM450 BMC</li> </ul>
Network Controllers	<ul style="list-style-type: none"> <li>Intel® 82576 Dual-Port Gigabit Ethernet Controller</li> <li>Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li> <li>Intel® I/OAT 3 support for fast, scaleable, and reliable networking</li> <li>VMDq support for better performance of virtualization</li> <li>1x Realtek RTL8201N PHY (dedicated IPMI)</li> </ul>
Graphics	<ul style="list-style-type: none"> <li>Matrox G200eW</li> </ul>
Super I/O	<ul style="list-style-type: none"> <li>Winbond 83827HF chip</li> </ul>
<b>Expansion Slots</b>	
Left Slot	<ul style="list-style-type: none"> <li>1 Universal I/O (UIO) Slot AND</li> <li>3 (x8) PCI-E 2.0 slots</li> </ul>
<b>Input / Output</b>	
Serial ATA	<ul style="list-style-type: none"> <li>Six Serial ATA ports</li> <li>Six SATA hard drives supported</li> </ul>
LAN	<ul style="list-style-type: none"> <li>2x RJ45 LAN ports</li> <li>1x RJ45 Dedicated IPMI LAN port</li> </ul>
USB	<ul style="list-style-type: none"> <li>2x USB rear ports</li> <li>2x USB on-board</li> <li>4x USB internal headers</li> <li>Total 8 USB 2.0 Compliant</li> </ul>
VGA	<ul style="list-style-type: none"> <li>1x VGA Port</li> </ul>
Keyboard /	<ul style="list-style-type: none"> <li></li> </ul>

	<ul style="list-style-type: none"> <li>Power fail LED</li> </ul>
Ports	2x USB Ports
<b>Drive Bays</b>	
Hot-swap	<ul style="list-style-type: none"> <li>8x 3.5" SAS / SATA Hot-swap drive trays</li> </ul>
<b>Peripheral Drives</b>	
DVD-ROM	Slim 8x DVD, 24x CD, DVD-ROM Drive
<b>SAS / SATA Backplane</b>	
	1x 2U SAS / SATA backplane
<b>System Cooling</b>	
Fans	<ul style="list-style-type: none"> <li>3x 80mm 6300 RPM fans</li> </ul>
Shroud	<ul style="list-style-type: none"> <li>1x Air Shroud</li> </ul>
<b>Power Supply with Power Distributor</b>	
	720W (1+1) Redundant high-efficiency power supply with PMBus
AC Input	<ul style="list-style-type: none"> <li>100-240 V, 50-60 Hz, 4-9 Amp</li> </ul>
DC Output	<ul style="list-style-type: none"> <li>3 Amp @ +5V standby</li> <li>59 Amp @ +12V</li> </ul>
+5V	<ul style="list-style-type: none"> <li>45 Amp</li> </ul>
-12V	<ul style="list-style-type: none"> <li>0.6 Amp</li> </ul>
+3.3V	<ul style="list-style-type: none"> <li>24 Amp</li> </ul>
Certification	 80 PLUS Gold Certified [ <a href="#">Test Report</a> ]
<b>PC Health Monitoring</b>	
CPU	<ul style="list-style-type: none"> <li>Monitors for CPU Cores, +1.8V, +3.3V, +5V, ±12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages.</li> <li>6-Phase-switching voltage regulator</li> </ul>
FAN	<ul style="list-style-type: none"> <li>Total of eight fan headers supporting up to 8 fans</li> <li>Eight 4-pin fan headers</li> <li>8x fans with tachometer status monitoring</li> <li>Support 3-pin fans (w/o speed control)</li> <li>Low noise fan speed control</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Monitoring for CPU and chassis environment</li> <li>Thermal Control for 8x fan connectors</li> <li>PECI</li> </ul>
Other Features	<ul style="list-style-type: none"> <li>Chassis intrusion detection</li> <li>Chassis intrusion header</li> </ul>
<b>Operating Environment / Compliance</b>	
RoHS	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>
Environmental Spec.	<ul style="list-style-type: none"> <li>Operating Temperature: 10°to 35°C (50°to 95°F)</li> <li>Non-operating Temperature: -40°to 70°C (-40°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>

Mouse	PS/2 keyboard and mouse ports
Serial Port / Header	<ul style="list-style-type: none"> <li>▪ 1 Fast UART 16550 serial port</li> <li>▪ 1 Fast UART 16550 serial header (Option)</li> </ul>
<b>System BIOS</b>	
BIOS Type	<ul style="list-style-type: none"> <li>▪ 32Mb SPI Flash EEPROM with AMI® BIOS</li> </ul>
BIOS Features	<ul style="list-style-type: none"> <li>▪ Plug and Play (PnP)</li> <li>▪ PCI 2.2</li> <li>▪ ACPI up to 3.0</li> <li>▪ USB Keyboard support</li> </ul>



## Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-X8DTU-F-O-P	1	Super X8DTU-F Motherboard
	CSE-825TQ-R720UB	1	2U Black Chassis
Backplane	BPN-SAS-825TQ	1	Sup 3x SAS / SATA hdd; SATA con
Cable 1	CBL-0044L	1	SATA CABLE 61CM FLAT S-S PBF
Cable 2	CBL-0188L	2	IPASS TO 4 SATA 64/54/44/34CM W/ 64CM SB,PBF
Cable 3	CBL-0210L	1	FDD, DVD, 4-pin power adapter cable, L=5cm
Cable 4	CBL-0341L	1	70CM, INTERNAL USB CABLE FOR SLIM USB DVD ROM
Peripheral Drive 1	CDM-USATA-G-O-P	1	mini-SATA to USB adapter for slim DVD
Peripheral Drive 2	CSE-PT92L	1	Slim IDE DVD kit for SC213,812S,813,815,816,818,819,825,836
Peripheral Drive 3 ***	DVM-PNSC-DVD-SBT	1	Black slim SATA DVD, Panasonic
Peripheral Drive 4 ***	DVM-TEAC-DVD-SBT	1	Black slim SATA DVD, TEAC
CD	CDR-X8	1	For X8 series
Riser Card	RSC-R2UU-UA3E8+	1	RSC-R2UU-UA3E8+
Heatsink / Retention	SNK-P0038P	2	2U+ PASSIVE CPU HS FOR INTEL LGA1366 X8 MB
Power Distributor	PDB-PT825-8820	1	SC825 20PIN REDUNDANT POWER DISTRIBUTOR
Power Supply	PWS-721P-1R	2	PWS-721P-1R power supply
Cable 5	CBL-0087	1	Front ctrl cable ROUND 16 TO 16 PIN RIBBON 20"
Fan 1	FAN-0094L4	3	80X38MM 4-PIN PWM FAN W/ HUS FOR SC825
Mounting Rails	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2"W
Air Shroud	MCP-310-28001-0N	1	2U Air Shroud
Drive Tray(s)	MCP-220-00001-03	8	Hot-swappable Hard Drive Tray

Optional Parts List			
	Part Number	Qty	Description
UIO Controller Card(s)	-	-	Please refer to our <a href="#">UIO Add-on Card Table</a>

Note: \*\*\* Only 1 drive is included, these items (\*\*\*) are interchangeable