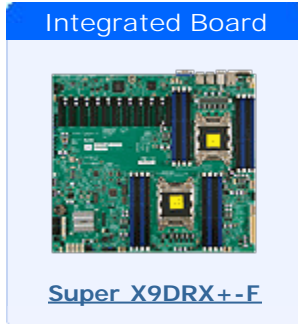


SuperServer 6047R-TXRF



Available Colors:

Black



Key Features

1. Dual socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and E5-2600 v2 family†
2. Up to 1TB ECC DDR3, up to 1866MHz; 16x DIMM sockets
3. Expansion slots: 10x PCI-E 3.0 x8, 1x PCI-E 2.0 x4 (in x8)
4. Intel® i350 Dual port Gigabit Ethernet
5. 5x 3.5" Hot-swap HDD Bays
6. 3x 5.25" Peripheral Drive Bays
7. 600W Redundant Power Supplies Platinum Level (94%)

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

Specifications

Product SKUs

SYS-6047R-TXRF	■ SuperServer 6047R-TXRF (Black)
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Motherboard

Super X9DRX+-E

Processor/Cache

CPU	<ul style="list-style-type: none"> ■ Dual Socket R (LGA 2011) ■ Intel® Xeon® processor E5-2600 and E5-2600 v2 family†
Note	† BIOS version 3.0 or above is required

Cache ■ Up to 30MB

System Bus ■ QPI up to 8 GT/s

System Memory

Memory Capacity	<ul style="list-style-type: none"> ■ 16x 240-pin DDR3 DIMM sockets ■ Up to 1TB DDR3 ECC LRDIMM ■ Up to 512GB DDR3 ECC Registered memory (RDIMM) ■ Up to 192GB DDR3 ECC Un-Buffered memory (UDIMM)
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Memory **Handy** ■ 1866/1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated QCT •

Chassis

Form Factor	<ul style="list-style-type: none"> ■ 4U Rackmountable / Tower ■ Optional Rackmount Kit
Model	■ CSE-842XTQ-R606B

Dimensions

Height	■ 17.2" (437mm)
Width	■ 7.0" (178mm)
Depth	■ 20.5" (521mm)
Gross Weight	■ 47 lbs (21.3kg)
Available Colors	■ Black



Front Panel

Buttons	<ul style="list-style-type: none"> ■ Power On/Off button ■ System Reset button
LEDs	<ul style="list-style-type: none"> ■ Power LED ■ Hard drive activity LED ■ 2x Network activity LEDs ■ System Overheat LED ■ Power Fail LED
Ports	■ 2x USB Ports

Drive Bays

'Hot-swap	■ 5x 3.5" Hot-swap Drive Trays
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A	
DIMM Sizes	<ul style="list-style-type: none"> 32GB, 16GB, 8GB, 4GB, 2GB, 1GB
Memory Voltage	<ul style="list-style-type: none"> 1.5 V, 1.35 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C602 Chipset
SATA	<ul style="list-style-type: none"> SATA 2.0 3Gbps with RAID 0, 1, 5, 10 SATA 3.0 6Gbps with RAID 0, 1, 5, 10
IPMI	<ul style="list-style-type: none"> Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Nuvoton WPCM450 BMC
Network Controllers	<ul style="list-style-type: none"> Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201N PHY (dedicated IPMI)
Video	<ul style="list-style-type: none"> Matrox G200eW
Super I/O	<ul style="list-style-type: none"> Nuvoton W83527HG
Input / Output	
SATA	<ul style="list-style-type: none"> 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps)
LAN	<ul style="list-style-type: none"> 2x RJ45 Gigabit Ethernet LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A)
Video	<ul style="list-style-type: none"> 1x VGA port
Serial Port / Header	<ul style="list-style-type: none"> 2x Fast UART 16550 ports (1 rear + 1 header)
Expansion Slots	
PCI-Express	<ul style="list-style-type: none"> 10x PCI-E 3.0 x8 1x PCI-E 2.0 x4 (in x8)
System BIOS	
BIOS Type	<ul style="list-style-type: none"> 128Mb SPI Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) APM 1.2 DMI 2.2 ACPI 1.0 / 2.0 USB Keyboard support SMBIOS 2.3 UEFI

Peripheral Bay(s) [90° Rotatable]	<ul style="list-style-type: none"> 3x 5.25" Peripheral Drive Trays
SAS / SATA Backplane	
SAS / SATA Hard Drive Backplane w/AMI MG9072	
System Cooling	
Fans	<ul style="list-style-type: none"> 1x 92x38mm 4-pin PWM front intake fan 2x 80x38mm 4-pin PWM rear exhaust fans
Power Supply with Power Distributor	
600W high-efficiency redundant power supplies with PMBus	
AC Input	<ul style="list-style-type: none"> 100-240 V, 50-60 Hz, 7.5-3.0 Amp
DC Output	<ul style="list-style-type: none"> 3 Amp @ +5V standby 50 Amp @ +12V
With Power Distributor	<ul style="list-style-type: none"> +5V: 30 Amp +3.3V: 28 Amp -12V: 0.6 Amp
Certification	  Platinum Certified [Test Report]
PC Health Monitoring	
CPU	<ul style="list-style-type: none"> Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages. 6-Phase-switching voltage regulator
FAN	<ul style="list-style-type: none"> Total of eight fan headers supporting up to 8 fans 8x fans with tachometer status monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors
Temperature	<ul style="list-style-type: none"> Monitoring for CPU and chassis environment CPU thermal trip support Thermal Control for 8x fan connectors Thermal Monitor 2 (TM2) support PECI
LED	<ul style="list-style-type: none"> CPU / System Overheat LED Suspend static indicator LED UID/Remote LED
Other Features	<ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header
Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F 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-X9DRX+-F	1	Super X9DRX+-F Motherboard
	CSE-842XTQ-R606B	1	4U Chassis
Backplane	BPN-SAS-842TQ	1	4U SC842 5x3.5inch Hotswap SAS/SATA with SES2
Cable 1	CBL-0157L	2	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Cable 2	CBL-0234L-01	2	Y CABLE FOR 4-PIN HDD RIGHT ANGLE
Cable 3	CBL-0261L	5	40CM 7 PIN SATA CABLE S-RA for SC512,512L, 26AWG
Heatsink / Retention	SNK-P0050AP4	2	4U Active CPU Heat Sink for X9 Socket R WS
Power Supply	PWS-606P-1R	2	1U 600W Redundant Short Depth High Efficiency Power Supply
I/O Shield	MCP-260-00042-0N	1	STD I/O shield for X9 socket R server MB with Gasket