

SuperServer 6017B-NTF

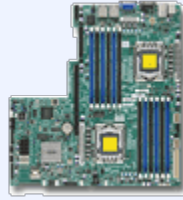


Available Colors:

Black



Integrated Board



Super X9DBU-iE

Key Features

1. Dual socket B2 (LGA 1356) supports Intel® Xeon® processor E5-2400
2. Up to 384GB DDR3 1600MHz ECC R/LRDIMM; 12x DIMM sockets
3. Riser card support: 2x PCI-E 3.0 x8 (1 FHFL, 1 FHHL) slots
4. Intel® i350 Dual port Gigabit Ethernet Controller; 2x LAN ports
5. 4x Hot-swap 3.5" SATA HDD Bays
6. 600W High-efficiency Power Supply Gold Level Certified

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

Specifications

Product SKUs

SYS-6017B-NTF ■ SuperServer 6017B-NTF (Black)

Motherboard

Super X9DBU-iE

Processor/Cache

CPU ■ Intel® Xeon® processor E5-2400
 ■ Dual Socket B2 (LGA 1356)

Cache ■ Up to 20MB

System Bus ■ QPI up to 8 GT/s

System Memory

Memory Capacity ■ 12x 240-pin DDR3 DIMM sockets
 ■ Supports up to 384 GB DDR3 ECC Registered memory (R/LRDIMM)
 ■ Supports up to 96 GB DDR3 ECC Un-Buffered memory (UDIMM)

Memory Type ■ 1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs

DIMM Sizes ■ 32GB, 16GB, 8GB, 4GB, 2GB, 1GB

Chassis

Form Factor ■ 1U Rackmount

Model ■ CSE-813T-600UB

Dimensions

Width ■ 17.2" (437mm)

Height ■ 1.7" (43mm)

Depth ■ 25.6" (650mm)

Gross Weight ■ 36 lbs (18.1kg)

Available Colors ■ Black

Front Panel

Buttons ■ Power On/Off button
 ■ System Reset button
 ■ UID button

LEDs ■ Power status LED
 ■ HDD activity LED
 ■ 2x Network activity LEDs
 ■ Universal Information (UID) LED

Expansion Slots

■ 2x PCI-E 3.0 x8 (1 Full-height Full-length, 1 Full-height Half-length)

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
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 RTL8201F PHY (dedicated IPMI)
Graphics	<ul style="list-style-type: none"> Matrox G200eW
Input / Output	
Serial ATA	<ul style="list-style-type: none"> 2x SATA 3.0 ports (6Gbps) 2x 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"> 8x USB 2.0 ports total (2 rear + 4 via header + 2 Type A)
VGA	<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 and 1 header

PCI-Express	<ul style="list-style-type: none"> UIO AOC Compatibility Matrix (Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and AOC Support for details.)
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Drive Bays	
Hot-swap	<ul style="list-style-type: none"> 4x Hot-swap 3.5" SATA HDD trays

Peripheral Drives	
DVD-ROM	<ul style="list-style-type: none"> Slim DVD-ROM drive (optional)

Backplane	
SAS/SATA HDD Backplane (SAS support requires optional SAS controller)	

System Cooling	
Fans	<ul style="list-style-type: none"> 2x Blower fans with Optimal Fan Speed Control

Power Supply	
600W AC multi output power supply w/ PFC	
AC Voltage	<ul style="list-style-type: none"> 100-240 V, 50-60 Hz, 7.5-3.1 Amp
+5V	<ul style="list-style-type: none"> 20 Amp
+5V standby	<ul style="list-style-type: none"> 3 Amp
+12V	<ul style="list-style-type: none"> 49 Amp
+3.3V	<ul style="list-style-type: none"> 16 Amp

Certification	 <ul style="list-style-type: none"> Gold Certified [Test Report]
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System BIOS	
BIOS Type	<ul style="list-style-type: none"> 64Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) APM 1.2 PCI 2.3 ACPI 1.0 / 2.0 / 3.0 / 4.0 BIOS rescue hot keys USB Keyboard support SMBIOS 2.7.1 UEFI

Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> Operating Temperature: 5°C to 35°C (41°F to 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°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-X9DBU-iF	1	Super X9DBU-iF Motherboard
	CSE-813T-600UB	1	1U Chassis
Backplane	BPN-SAS-815T-O-P	1	815 SAS BACKPLANE W/O AMI 9071 -O-P
Cable 1	CBL-0186L	1	SET OF 4 SATA 56/45.5/35/23CM ROUND S-RA. 26AWG
Riser Card	RSC-R1UU-E8E16-O-P	1	RSC-R1UU-E8E16-O-P
Heatsink / Retention	SNK-P0037P	1	1U PASSIVE CPU HS FOR INTEL LGA1366 (HTP)
Heatsink / Retention	SNK-P0041	1	1U PASSIVE CPU HS FOR X8DTL MB (must be placed on FRONT CPU)
Power Supply	PWS-601-1H	1	1U 680W MULTI OUTPUT PWS 80+ GOLD
Air Shroud	MCP-310-18010-0N	1	SC812/813 Intel DP X8.X7 mylar air shroud, 12x13MB
Cable 2	CBL-0335L	1	FRONT CTL CABLE 20 PIN TO 20 PIN W/TUBE,70CM,PBF. 28AWG
Peripheral Drive 1	CSE-PT93L-B	1	Black DVD dummy cover for SC813, 813M, 815, PBF-RoHS
Fan 1	FAN-0135L4	2	97Lx94Wx37H mm 5K RPM SC813 Rev. M Chassis Middle Cooling Blower
Drive Tray(s)	MCP-220-00075-0B	4	Black gen 5.5 hot-swap 3.5" HDD tray
Mounting Rails	MCP-290-00102-0N	1set	Outer rail, quick-release type, 25.6" to 33.05"
Mounting Rails	MCP-290-00106-0N	1set	Inner rail, front, quick-release type
Mounting Rails	MCP-290-00110-0N	1set	Inner rail, extension (quick) for 1U 17.2"W chass
Rail Set	MCP-290-00054-0N	1 set	Rail set, quick/quick, optional for 1U 17.2"W SC815

Optional Parts List			
	Part Number	Qty	Description
Storage Controller Card(s) (PCI-E Only)	-	-	Please refer to our Storage Add-on Card Table
Network Card (PCI-E Only)	-	-	Please refer to our Network Add-on Card Table
DVD-ROM / DVD-RW	DVM-PNSC-DVD-SBT1 DVM-TEAC-DVD-SBT2 DVM-PLDS-DVDRW-SBT2 DVM-TEAC-DVDRW-SBT1	1	SLIM DVD-ROM / DVD-RW SATA DRIVE
DVD-ROM Accessory	MCP-220-81502-0N	1	Slim SATA DVD kit
Internal 2.5" HDD Tray (FDD Slot)	MCP-220-83601-0B	1	Black FDD dummy tray support 1x 2.5" slim HDD
Internal 2.5" HDD Tray (DVD Slot)	MCP-290-00036-0B	1	Black DVD dummy tray support 1x 2.5" HDD
USB/COM Port Tray (FDD Slot)	CSE-PT40L-B0	1	Black USB/COM port tray in slim FDD bay