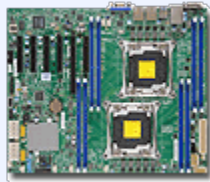


SuperServer 6018R-MTR / BULK



Integrated Board



[Super X10DRL-i](#)



Key Features

1. Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v3 family; QPI up to 9.6GT/s
 2. Up to 512GB ECC DDR4, up to 2133MHz; 8x DIMM sockets
 3. 1x PCI-E 3.0 x8 FHHL Expansion slot
 4. Intel® i210 Dual port Gigabit Ethernet
 5. IPMI 2.0 + KVM with Dedicated LAN
 6. 4x 3.5" Hot-swap SATA3 HDD Bays
 7. I/O ports: 2x SuperDOM, 1x VGA, 1x COM, 2x USB 3.0, 2x USB 2.0
 8. 400W Redundant Power Supplies
- Gold Level Certified**
9. *Note: **SYS-6018R-MTR-BULK** Available as Cost Optimized, Bulk Packing - 10 systems in one carton

Available Colors:

Black



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

Specifications

Product SKUs

- SYS-6018R-MTR** ■ SuperServer 6018R-MTR (**Black**)

Motherboard

[Super X10DRL-i](#)

Processor/Cache

- CPU** ■ Intel® Xeon® processor E5-2600 v3 family (up to 135W TDP **)
- Dual Socket R3 (LGA 2011)

- Cores / Cache** ■ Up to 18 Cores / Up to 45MB Cache

- System Bus** ■ QPI up to 9.6 GT/s

- Note** ** Please contact your Supermicro sales representative for additional details.

System Memory

- Memory Capacity** ■ 8x 288-pin DDR4 DIMM sockets
- Up to 512GB ECC LRDIMM, 256GB ECC RDIMM

- Memory Type** ■ 133/1866/1600MHz ECC DDR4 SDRAM 72-bit

Chassis

- Form Factor** ■ 1U Rackmount

- Model** ■ **CSE-813MFTQ-R400CB**

Dimensions and Weight

- Width** ■ 17.2" (437mm)

- Height** ■ 1.7" (43mm)

- Depth** ■ 19.8" (503mm)

- Gross Weight** ■ 38 lbs (17.24kg)

- Available Colors** ■ Black

Front Panel

- Buttons** ■ Power On/Off button
- System Reset button

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

Expansion Slots

DIMM Sizes	<ul style="list-style-type: none"> RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
Memory Voltage	<ul style="list-style-type: none"> 1.2 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C612 Express chipset
SATA	<ul style="list-style-type: none"> I-SATA 4 & I-SATA 5 support SATA DOM SATA3 (6Gbps); 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 ASPEED AST2400 BMC
Network Controllers	<ul style="list-style-type: none"> Intel® i210 Gigabit Ethernet controller Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8211E PHY (dedicated IPMI)
Video	<ul style="list-style-type: none"> ASPEED AST2400 BMC
Input / Output	
SATA	<ul style="list-style-type: none"> 4x SATA3 (6Gbps) ports
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"> 2x USB 3.0 ports (rear) 2x USB 2.0 ports (rear) 1x Type A
Video	<ul style="list-style-type: none"> 1x VGA port
Serial Port / Header	<ul style="list-style-type: none"> 1x Fast UART 16550 port / 1 Header
DOM	<ul style="list-style-type: none"> 2x SuperDOM (Disk on Module) ports

PCI-Express ■ 1x PCI-E 3.0 x8 Full-height Half-length

Drive Bays

Hot-swap ■ 4x 3.5" Hot-swap SATA HDD trays

Backplane

1U SAS/SATA HDD Backplane

System Cooling

Fans ■ 5x 4cm 17.5K RPM PWM fans

Power Supply

400W (1+1) Redundant SuperCompact Short-depth AC-DC Gold-level power supply with PMBus and I2C

AC Input ■ 400W: 100-240 V, 50-60 Hz, 6-3 Amp

DC Output +5V standby ■ 3 Amp

DC Output +12V ■ 33 Amp

With Power Distributor ■ +5V: 25 Amp
 ■ +3.3V: 25 Amp
 ■ -12V: 0.6 Amp

System BIOS

BIOS Type ■ 128Mb SPI Flash EEPROM with AMI BIOS

BIOS Features ■ Plug and Play (PnP)
 ■ APM 1.2
 ■ PCI 2.3
 ■ ACPI 3.0 / 4.0
 ■ USB Keyboard support
 ■ SMBIOS 2.7.1
 ■ UEFI 2.3.1

Operating Environment / Compliance

RoHS ■ RoHS Compliant

Environmental Spec. ■ 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-X10DRL-i	1	Super X10DRL-i Motherboard
	CSE-813MFTQ-R400CB	1	1U Chassis
Air Shroud	MCP-310-19015-0N	1	SC813M,SC113M, DP X9DRL-EF/ X9DRL-7F/ X10DRL-i, X9/X10 mylar air shroud, 12"x10" MB,RoHS/REACH
Backplane	BPN-SAS-815TQ-O-P	1	BPN-SAS-815TQ-O-P
Cable 1	CBL-CDAT-0661	1	8 pin to 8 pin round SGPIO cable, 40cm, 28AWG, pinout 1-1,RoHS/REACH
Cable 2	CBL-0186L	1	SET OF 4 SATA 56/45.5/35/23CM ROUND S-RA. 26AWG
Riser Card	RSC-RR1U-E8-O-P	1	RSC-RR1U-E8 (Rev 4.00)
Heatsink / Retention	SNK-P0047PD	2	1U Passive Custom CPU Heat Sink for X9DRL, X10DRL Related Systems
Power Supply	PWS-406P-1R	2	1U 400W Redundant Short Depth Power Supply