Supermicro SuperServer SYS-6019U-TR25M 1U DP 4xLFF 2x25GbE SFP28 RED PSU

Part number: SYS-6019U-TR25M

CPU Socket	LGA 3647 (Socket P)

Product SKUs

SYS-6019U-TR25M • SuperServer 6019U-TR25M (**Black**)

Motherboard

Super X11DPU

Processor/Cache

CPU	• Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s • Support CPU TDP 70-205W with IVR
Cores	• Up to 28 Cores with Intel® HT Technology

System Memory

Memory Capacity	• 24 DIMM slots • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
Memory Type	• 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

Chipset	• Intel® C621 chipset
SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10
Network Connectivity	• 2 25GbE SFP28 ports via AOC-URN4-M2TS-O (Mellanox ConnectX-4 Lx EN)
IPMI	• Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Graphics	• ASPEED AST2500 BMC

Input / Output

SATA	• 4 SATA3 (6Gbps) ports
LAN	• 2 25GbE SFP28 ports • 1 RJ45 Dedicated IPMI LAN port
USB	• 3 USB 3.0 ports (2 rear, 1 Type A)
Video	• 2 VGA ports (1 rear, 1 onboard)
Serial Port	• 1 Serial header
DOM	• 2 SATA DOM (Disk on Module) support with embedded power

System BIOS

BIOS Type	• AMI 32Mb SPI Flash ROM

Management

Software	• Intel® Node Manager • IPMI 2.0 • KVM with dedicated LAN • NMI • SSM, SPM, SUM • SuperDoctor® 5
Power Configurations	• ACPI Power Management

PC Health Monitoring

CPU	• Monitors for CPU Cores, Chipset Voltages, Memory. • 4+1 Phase-switching voltage regulator
FAN	• Fans with tachometer monitoring • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors
Temperature	• Monitoring for CPU and chassis environment • Thermal Control for 8x fan connectors

Chassis

Form Factor	• 1U Rackmount
Model	• **CSE-819UTQ-R751-T**

Dimensions and Weight

Height	• 1.7" (43mm)
Width	• 17.2" (437mm)
Depth	• 29" (737mm)
Weight	• Net Weight: 26 lbs (11.8 kg) • Gross Weight: 41 lbs (18.6 kg)
Available Color	• Black

Front Panel

Buttons	• Power On/Off button • System Reset button
LEDs	• Power LED • Hard drive activity LED • Network activity LEDs • System Overheat LED / Fan fail LED / UID LED

Expansion Slots

PCI-Express	• 2 PCI-E 3.0 x16 (Full-height, 10.5" L) • 1 PCI-E 3.0 x8 (Low-profile) • 1 PCI-E 3.0 x16 (internal Low-profile) (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.)

Drive Bays

Hot-swap	• 4 Hot-swap 3.5" drive bays • 4 SATA3 (optional SAS3 via AOC)

System Cooling

Fans	• 8 Heavy duty fans with optimal fan speed control
Air Shroud	• 1 Air Shroud

Power Supply

750W Redundant AC-DC Power Supplies, +12V/+12Vsb output

AC Input	• 100-127Vac, 50-60Hz • 200-240Vac, 50-60Hz
+12V	• Max: 62.5A & Min: 0A (100Vac-127Vac) • Max: 62.5A & Min: 0A (200Vac-240Vac)
12V SB	• Max: 2.1A • Min: 0A
Certification	**Platinum Level** **[Test Report]**

Operating Environment

RoHS	• RoHS Compliant
Environmental Spec.	• Operating Temperature: 10°C ~ 35°C (50°F ~ 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)

Due to the complexity of integration, this product is sold as completely assembled systems only (including but not limited to CPUs, memory, and HDDs). Please contact your sales rep for special requirements.

Visit us for more info:
https://www.superstorage.pl/supermicro-superserver-sys-6019u-tr25m-1u-dp-4xlff-2x25gbe-sfp28-red-psu-p-3170.html