Supermicro SuperServer SYS-1029P-MTR 1U DP 8xSFF 2xGbE RED PSU

Part number: SYS-1029P-MTR

Chassis Form Factor	Rack 1U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable Processors
Max CPU TDP	140 W
Chipset	Intel C621
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	8
Max Memory Size	1024 GB
Integrated GPU	Aspeed AST2500
# of 2.5 hot-swap bays	8
Optical drives	1x DVD-ROM (optional)
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 2.0 (rear)
# of SATA Ports	8
Storage Controllers	8 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Marvell 88E1512 Dual Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	600W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 508mm

Product SKUs

SYS-1029P-MTR	• SuperServer 1029P-MTR (**Black**)

Motherboard

Super X11DPL-i

Processor/Cache

CPU	• Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s • Support CPU TDP 70-140W with IVR
Cores	• Up to 28 Cores with Intel® HT Technology

System Memory

Memory Capacity	• 8 DIMM slots • Up to 1TB ECC 3DS LRDIMM, 512GB 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 Controllers	• Marvell 88E1512 PHY Gigabit Ethernet controller • Supports 1000BASE-T
IPMI	• Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Video	• ASPEED AST2500 BMC

Input / Output

SATA	• 8 SATA3 (6Gbps) ports
LAN	• 2 RJ45 Gigabit Ethernet LAN ports • 1 RJ45 Dedicated IPMI LAN port
USB	• 2 USB 2.0 ports (rear)
Video	• 1 VGA port
Serial Port / Header	• 1 COM port (header)
DOM	• 2 SuperDOM (Disk on Module) ports

System BIOS

BIOS Type	• 256Mb SPI Flash EEPROM with AMI BIOS

Management

Software	• Intel® Node Manager • IPMI 2.0 • KVM with dedicated LAN • NMI • SSM, SPM, SUM • SuperDoctor® 5 • Watch Dog
Power Configurations	• ACPI / APM 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-113MFAC2-R608CB**

Dimensions and Weight

Width	• 17.2" (437mm)
Height	• 1.7" (43mm)
Depth	• 19.98" (508mm)
Package	• 23.4" (W) x 8.5" (H) x 29.7" (L)
Weight	• Gross Weight: 31.1 lbs (14.1 kg)
Available Colors	• Black

Front Panel

Buttons	• Power On/Off button • System Reset button
LEDs	• Power status LED • HDD activity LED • Network activity LEDs • Universal Information (UID) LED

Expansion Slots

PCI-Express	• 1 PCI-E 3.0 x8 (FHHL) slot

Drive Bays

Hot-swap	• 8 Hot-swap 2.5" SATA3 drive bays

Peripheral Drives

Optional	• Slim DVD-ROM drive (optional) • PCIe/SATA M.2 drive (optional)

System Cooling

Fans	• 4x 4cm 22.5K RPM middle cooling fans

Power Supply with Power Distributor

600W Redundant High-Efficiency Power Supplies, PMBus 1.2

AC Input	• 100-240V, 50-60Hz
Dimension (W x H x L)	• 54.5 x 40.25 x 220 mm
Output	• +5V standby: 3A • +12V: 50A (100Vac-240Vac)
Certification	**Platinum Certified**

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)

Visit us for more info: https://www.superstorage.pl/supermicro-superserver-sys-1029p-mtr-1u-dp-8xsff-2xgbe-red-psu-p-3185.html