

Supermicro SuperServer SYS-6029U-TR25M 2U DP 12xLFF 2x25GbE RED PSU

Kod producenta: SYS-6029U-TR25M

	Category	Virtualization Hyperconverge Storage
	Order option	Complete System
	Chassis Form Factor	Rack 2U
	CPU Socket	LGA 3647 (Socket P)
	# of CPU sockets	2
	Supported CPU's	Intel Xeon Scalable 2nd Gen Intel Xeon Scalable 1st Gen
	Max CPU TDP	205 W
	Chipset	C621
	Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
	Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
	# of DIMM's	24
	Max Memory Size	6 TB
	Integrated GPU	ASPEED AST2500
	# of 3.5 hot-swap bays	12
	Backplanes	SAS3/SATA3
	# of PCIe x16 3.0	1
	# of PCIe x8 3.0	7
	# of USB Ports	3 x USB 3.0
	Storage interface	Native SATA
	# of SATA DOM power	2
	Storage Controllers	Intel C621
	# of M.2 22110	1
	# of Serial Ports	1 x Fast UART 16550 (header)
	# of 25GbE Ports	2 x SFP28
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	ASPEED AST2500
	TPM	1 x TPM 2.0 10-pin Header
	Power Supply	Redundant
	PSU Wattage	1000 W
	PSU Certification	80+ Titanium
	Chassis Dimensions	89 x 437 x 723 mm

Product SKUs		
SYS-6029U-TR25M • SuperServer 6029U-TR25M (Black)		
Motherboard		Chassis
		
Super X11DPU		Form Factor • 2U Rackmount
Processor/Cache		Model • CSE-829U2AC4-R1K02-T
		Dimensions and Weight
CPU	• Dual Socket P (LGA 3647)	Width • 17.2" (437mm)
	• Intel® Xeon® Scalable Processors,	Height • 3.5" (89mm)
	Dual UPI up to 10.4GT/s	Depth • 28.46" (723mm)
Cores	• Support CPU TDP 70-205W with IVR	Weight • Net Weight: 36 lbs (16.4 kg)
	• Up to 28 Cores with Intel® HT Technology	• Gross Weight: 72 lbs (32.7 kg)
System Memory		Available Colors • Black
		Front Panel
Memory Capacity	• 24 DIMM slots	
	• Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz	Buttons • Power On/Off button
Memory Type	• 2666/2400/2133MHz ECC DDR4 SDRAM	• System Reset button
		• Power status LED
On-Board Devices		• HDD activity LED
		LEDs • Network activity LEDs
Chipset	• Intel® C621 chipset	• System information (overheat/UID) LED
SATA	• SATA3 (6Gbps) with RAID 0, 1, 5, 10	Expansion Slots
	• 2 25GbE SFP28 ports via AOC-ZUR68-MZTS-O (Mellanox ConnectX-4 Lx EN)	
Network Connectivity	• Support for Intelligent Platform Management Interface v2.0	• 1 PCI-E 3.0 x16 (FH, 10.5" L)
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	• 5 PCI-E 3.0 x8 (FH, 10.5" L)
IPMI	• ASPEED AST2500 BMC	• 1 PCI-E 3.0 x8 (LP)
		• 1 PCI-E 3.0 x8 (internal LP)
Graphics		PCI-Express
		(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.)
Input / Output		Drive Bays
		
SATA	• 12 SATA3 (6Gbps) ports	Hot-swap • 12 Hot-swap 3.5" drive bays
SAS	• 8 SAS3 + 4 SAS3/NVMe support optional	• 12 SATA3 ports by default; Optional 8 SAS3 + 4 NVMe/SAS3
LAN	• 2 25GbE SFP28 ports	Backplane
	• 1 RJ45 Dedicated IPMI LAN port	
USB	• 3 USB 3.0 ports (2 rear, 1 Type A)	2U SAS/SATA backplane
Video	• 2 VGA ports (1 rear, 1 onboard)	
Serial Port / Header	• 1 Serial header	System Cooling
	• 2 SuperDOM (Disk on Module) ports	
System BIOS		Fans • 4 Heavy duty 8cm PWM fans
		
BIOS Type	• AMI 32Mb SPI Flash ROM	Power Supply
		1000W Redundant Power Supplies with PMBus
Management		Total Output • 800W/1000W
		Power
Software	• Intel® Node Manager	Dimension (W x H x L) • 73.5 x 40 x 203 mm
	• IPMI 2.0	Input • 100-127Vac / 9.8 - 7A / 50-60Hz
	• KVM with dedicated LAN	• 200-240Vac / 7 - 5A / 50-60Hz
	• NMI	+12V • Max: 66.7A / Min: 0A (100-127Vac)
	• SSM , SPM , SUM	• Max: 83A / Min: 0A (200-240Vac)
Power Configurations	• SuperDoctor® 5	12Vsb • Max: 2.1A / Min: 0A
	• ACPI Power Management	Output Type • 25 Pairs Gold Finger Connector
PC Health Monitoring		Certification   UL/cUL/CB/BSMI/CE/CCC
		Titanium Level
CPU	• Monitors for CPU Cores, Chipset Voltages, Memory.	[Test Report]
	• 4+1 Phase-switching voltage regulator	Operating Environment
FAN	• Fans with tachometer monitoring	
	• Status monitor for speed control	RoHS • RoHS Compliant
Temperature	• Pulse Width Modulated (PWM) fan connectors	• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
	• Monitoring for CPU and chassis environment	• Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
• Thermal Control for 8x fan connectors		Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing)
		• Non-operating Relative Humidity: 5% to 95% (non-condensing)

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-superserver-sys-6029u-tr25m-2u-dp-12x1ff-2x25gbe-red-psu-p-3270.html>