

Supermicro SuperServer SYS-6028R-WTR 2U DP 8xLFF 2xGbE RED PSU

Kod producenta: SYS-6028R-WTR



Chassis Form Factor	Rack 2U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	145W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	8
Backplanes	SAS/SATA
Optical drives	1x Slim DVD-ROM / DVD-RW (optional)
# of PCIe x8 3.0	2
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header)
# of SATA Ports	10
# of Super DOM	2
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	740W
PSU Certification	80+ Platinum
Rack Rails	17.2" W Rail Set Quick/ Quick
Chassis Dimensions	437 x 89 x 648mm
Uwagi	PCI-Express Slots Configuration Riser card support up to 4x PCI-E 3.0 x8 (2 FHFL, 2 FHHL)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

✖	SYS-6028R-WTR • SuperServer 6028R-WTR (Black)
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Motherboard

✖	Super X10DRW-i
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Processor/Cache

✖	CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)
	Cores / Cache • Up to 22 Cores¹ / Up to 55MB¹ Cache
	System Bus • QPI up to 9.6 GT/s
	Note ¹ BIOS version 2.0 or above is required
	Note * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.

System Memory

✖	Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB¹ ECC 3DS LRDIMM, 512GB ECC RDIMM
	Memory Type • 2400¹/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
	DIMM Sizes • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB
	Memory Voltage • 1.2 V
	Error Detection • Corrects single-bit errors

On-Board Devices

✖	Chipset • Intel® C612 chipset
	SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0
	IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC
	Network Controllers • Intel® i350 Dual Port Gigabit Ethernet Controller • Virtual Machine Device Queues reduce I/O overhead • Supports 1GBASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)
	Video • ASPEED AST2400 BMC

Input / Output

✖	SAS/SATA • Customizable storage
	LAN • 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port
	USB • 6x USB 3.0 ports (4 rear + 2 via header)
	Video • 1x VGA port
	Serial Port / Header • 1x Fast UART 16550 port / 1 Header
	DOM • 2x SuperDOM (Disk on Module) ports



Chassis

✖	Form Factor • 2U Rackmount
	Model • CSE-825TQ-R740WB

Dimensions and Weight

✖	Width • 17.2" (437mm)
	Height • 3.5" (89mm)
	Depth • 25.5" (648mm)
	Weight • Net Weight: 35 lbs (15.9 kg) • Gross Weight: 62 lbs (28.1 kg)
	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

✖	PCI-Express • 4x PCI-E 3.0 x8 slots (2x Full-height Full-length, 2x Full-height Half-length) • 2x PCI-E 3.0 slots (Low-profile) • UIO AOC Compatibility Matrix
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(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 • 8x 3.5" Hot-swap SAS / SATA HDD trays (ready for PCI-E storage controller card)
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Backplane

✖	1x 2U SAS backplane w/ Enclosure Management (SAS support requires optional SAS controller)
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Peripheral Drives

✖	DVD-ROM • Slim DVD-ROM drive (optional)
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System Cooling

✖	Fans • 3x 80mm 7,000 RPM 4-pin PWM fans
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Power Supply with Power Distributor

✖	740W (1+1) Redundant high-efficiency power supply with PMBus
	AC Input • 100-240 V, 50-60 Hz, 9-3.5 Amp
	DC Output • 4 Amp @ +5V standby • 61.7 Amp @ +12V
	Certification ✖ Platinum Certified [Test Report]

System BIOS

✖	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • PCI 2.2
	BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0 • BIOS rescue hot keys • USB Keyboard support • SMBIOS 2.3 • UEFI

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)

UWAGA

Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD).

Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-6028r-wtr-2u-dp-8xlf-2xgbe-red-psu-p-754.html>