

Supermicro SuperServer SYS-1029TP-DTR 1U Twin DP 2x4SFF RED PSU

Kod producenta: SYS-1029TP-DTR

	Chassis Form Factor	Rack 1U
	# of systems (nodes)	2
	CPU Socket	LGA 3647 (Socket P)
	# of CPU sockets (per node)	2
	Supported CPU's	Intel Xeon Scalable 1st Gen Intel Xeon Scalable 2nd Gen
	Max CPU TDP	145 W
	Chipset	Intel C621
	Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
	Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
	# of DIMM's (per node)	16
	Max Memory Size (per node)	2048 GB
	Integrated GPU	Aspeed AST2500
	# of 2.5 hot-swap bays (per node)	4
	Backplanes	SAS3
	# of PCIe x16 3.0 (per node)	2
	# of USB Ports (per node)	2 x USB 3.0 (rear)
	# of SATA Ports (per node)	4
	Storage Controllers	8 x AHCI iSATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports (per node)	1 x Fast UART 16550 (header)
	Network Controllers	SIOM Networking AOC Matrix
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	Aspeed AST2500
	TPM	1 x TPM 1.2 20-pin Header
	Power Supply	Redundant 1+1
	PSU Wattage	1000 W
	PSU Certification	80+ Titanium
	Chassis Dimensions	437 x 88 x 718 mm
	Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x16 Low-profile slots 1x SIOM card support Note: Must bundle with SIOM

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

 SYS-1029TP-DTR • SuperServer 1029TP-DTR (**Black**)

Motherboard



[Super X11DPT-PS](#)

Processor/Cache



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|-------|--|
| CPU | <ul style="list-style-type: none">• Dual Socket P (LGA 3647)• Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s• Support CPU TDP 70-145W |
| Cores | <ul style="list-style-type: none">• Up to 28 Cores with Intel® HT Technology |

System Memory



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|-----------------|---|
| Memory Capacity | <ul style="list-style-type: none">• 16 DIMM slots• Up to 2TB ECC 3DS LRDIMM, 2TB ECC RDIMM, DDR4 up to 2666MHz |
| Memory Type | <ul style="list-style-type: none">• 2666/2400/2133MHz ECC DDR4 SDRAM |

On-Board Devices



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|---------------------|--|
| Chipset | <ul style="list-style-type: none">• Intel® C621 chipset |
| SATA | <ul style="list-style-type: none">• SATA3 (6Gbps); RAID 0, 1, 5, 10 |
| Network Controllers | <ul style="list-style-type: none">• Must bundle with at least one SIOM per node• Support for Intelligent Platform Management Interface v.2.0 |
| IPMI | <ul style="list-style-type: none">• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support |
| Graphics | <ul style="list-style-type: none">• ASPEED AST2500 BMC |

Input / Output (per Node)



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|----------------------|---|
| SATA | <ul style="list-style-type: none">• 4 SATA3 (6Gbps) ports |
| LAN | <ul style="list-style-type: none">• 1 RJ45 Dedicated IPMI LAN port |
| USB | <ul style="list-style-type: none">• 2 USB 3.0 ports (rear) |
| VGA | <ul style="list-style-type: none">• 1 VGA port |
| Serial Port / Header | <ul style="list-style-type: none">• 1 Fast UART 16550 port / 1 Header (internal) |
| Others | <ul style="list-style-type: none">• 2 SuperDOM support on the motherboard |

System BIOS



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| BIOS Type | <ul style="list-style-type: none">• AMI 32MB SPI Flash ROM |
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Management



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| Software | <ul style="list-style-type: none">• Intel® Node Manager• IPMI 2.0• KVM with dedicated LAN• NMI• SSM, SPM, SUM• SuperDoctor® 5• Watchdog |
| Power Configurations | <ul style="list-style-type: none">• ACPI Power Management |

PC Health Monitoring



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|-------------|---|
| CPU | <ul style="list-style-type: none">• Monitors for CPU Cores, Chipset Voltages, Memory.• 4+1 Phase-switching voltage regulator |
| FAN | <ul style="list-style-type: none">• Fans with tachometer monitoring• Status monitor for speed control• Pulse Width Modulated (PWM) fan connectors |
| Temperature | <ul style="list-style-type: none">• Monitoring for CPU and chassis environment• Thermal Control for fan connectors |



Chassis



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| Form Factor | <ul style="list-style-type: none">• 1U Rackmount |
| Model | <ul style="list-style-type: none">• CSE-809H-R1K05P2 |

Dimensions and Weight



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| Width | <ul style="list-style-type: none">• 17.2" (437mm) |
| Height | <ul style="list-style-type: none">• 1.7" (88mm) |
| Depth | <ul style="list-style-type: none">• 28.25" (718mm) |
| Package | <ul style="list-style-type: none">• 29.6" (W) x 8" (H) x 38.4" (L) |
| Weight | <ul style="list-style-type: none">• Gross Weight: 48.1 lbs (21.9 kg)• Net Weight: 33.5 lbs (15.2 kg) |

Front Panel



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| Buttons | <ul style="list-style-type: none">• Power On/Off button• UID button |
| LEDs | <ul style="list-style-type: none">• Power status LED• HDD activity LED• Network activity LEDs• Universal Information (UID) LED |

Expansion Slots (per Node)



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| | <ul style="list-style-type: none">• 2 PCI-E 3.0 x16 Low-profile slots• 1 SIOM card support |
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PCI-Express

Note: Must bundle with **SIOM**
(With only one CPU installed, SXB2 M.2 and SXB4 riser card slots not function)

Drive Bays (per Node)



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| Hot-swap | <ul style="list-style-type: none">• 4 Hot-swap 2.5" SAS3/SATA3 drive bays |
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Backplane



SAS3 backplane

System Cooling



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| Fans | <ul style="list-style-type: none">• 3 Heavy duty counter rotating fans with air shroud and optimal fan speed control |
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PowerStick Power Supply

1000W 1U Redundant Power Supplies with PMBus

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| Total Output Power | <ul style="list-style-type: none">• 800W/1000W |
| Dimension (W x H x L) | <ul style="list-style-type: none">• 38 x 40 x 360 mm |
| Input | <ul style="list-style-type: none">• 100-127Vac / 9-7.5A / 50-60Hz• 200-240Vac / 6-5A / 50-60Hz |
| +12V | <ul style="list-style-type: none">• Max: 66.7A / Min: 0A (100-127Vac)• Max: 83A / Min: 0A (200-240Vac) |
| +5Vsb | <ul style="list-style-type: none">• Max: 4A / Min: 0A |
| Output Type | <ul style="list-style-type: none">• Gold Finger Connector (16 Power Pin, 14 Signal Pin) |

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| Certification |   UL/cUL/CB/BSMI/CE/CCC Titanium Level (Cert. in progress) |
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Operating Environment



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| RoHS | <ul style="list-style-type: none">• RoHS Compliant |
| Environmental Spec. | <ul style="list-style-type: none">• 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) |

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-1029tp-dtr-1u-twin-dp-2x4sff-red-psu-p-3395.html>