

Supermicro SuperServer SYS-1019P-WTR 1U UP 10xSFF 2x10GbE RED PSU

Kod producenta: SYS-1019P-WTR



Chassis Form Factor	Rack 1U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	1
Supported CPU's	Intel Xeon Scalable Processors
Max CPU TDP	205 W
Chipset	Intel C622
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	6
Max Memory Size	768 GB
Integrated GPU	Aspeed AST2500
# of 2.5 hot-swap bays	10
# of PCIe x16 3.0	2
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear)
# of SATA Ports	10
Storage Controllers	10 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x Base-T
Network Controllers	Intel x722 Port 10 Gigabit Base-T Intel x557 Port 10 Gigabit Base-T
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	500W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 597mm
Uwagi	Hot-swap Configuration: 10x Hot-swap 2.5" SATA3 drive bays 2x NVMe with AOC (option) M.2 mini-PCI-e support

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

 SYS-1019P-WTR • SuperServer 1019P-WTR (**Black**)

Motherboard



[Super X11SPW-TF](#)

Processor/Cache



- CPU
- Single Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors
 - Support CPU TDP 70-205W
- Cores
- Up to 28 Cores with Intel® HT Technology

System Memory



- Memory
- 6 DIMM slots
 - Up to 768GB ECC 3DS LRDIMM, 192GB ECC RDIMM, DDR4 up to 2666MHz
- Memory Type
- 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices



- Chipset
- Intel® C622 chipset
- SATA
- SATA3 (6Gbps); RAID 0, 1, 5, 10
- Network Controllers
- Dual 10GBase-T LAN with Intel® X772 + X557
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Video
- ASPEED AST2500 BMC

Input / Output



- SATA
- 10 SATA3 (6Gbps) ports
- LAN
- 2 RJ45 10GBase-T LAN ports
 - 1 RJ45 dedicated IPMI LAN port
- USB
- 2 USB 3.0 ports (rear)
 - 2 USB 2.0 ports (rear)
- Video
- 1 VGA port
- Serial Port / Header
- 2 COM ports (1 rear, 1 header)
- SuperDOM
- 2 [SuperDOM](#) (Disk on Module) ports with built-in power

System BIOS



- BIOS Type
- AMI 32Mb SPI Flash ROM

Management



- Software
- Intel® Node Manager
 - [IPMI 2.0](#)
 - KVM with dedicated LAN
 - NMI
 - [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-116AC2-R504WB**

Dimensions and Weight



- Height
- 1.7" (43mm)
- Width
- 17.2" (437mm)
- Depth
- 23.5" (597mm)
- Package
- 24" (W) x 8" (H) x 32" (L)
- Weight
- Gross Weight: 27 lbs (12.25 kg)
 - Net Weight: 15.5 lbs (7.03 kg)
- Available Colors
- Black

Front Panel



- Buttons
- Power On/Off button
 - System Reset button
- LEDs
- Power LED
 - Hard drive activity LED
 - Network activity LEDs
 - System Overheat LED
 - Information LED (temp., status)

Expansion Slots



- PCI-Express
- 2 PCI-E 3.0 x16 (FHFL) slots
 - 1 PCI-E 3.0 x8 (LP) slot

Drive Bays



- Hot-swap
- 10 Hot-swap 2.5" SATA3 drive bays
 - 2 NVMe with AOC (option)
- M.2
- M.2 mini-PCI-e support

System Cooling



- Fans
- 5 counter-rotation 40x56mm PWM fans
 - 1 fan for AOC cooling (option)

Power Supply

500W Redundant Power Supplies with PMBus

- Total Output Power
- 500W

- Dimension (W x H x L)
- 54.5 x 40.25 x 320 mm

- Input
- 100-240Vac, 50-60Hz, 6.1-2.6A

- +12V
- Max: 42A / Min: 0.5A

- +5Vsb
- Max: 4A / Min: 0A

- Output Type
- Gold Finger Connector Mating with Molex 45984-4343

- With Power Distributor
- +5V: 25A
 - +3.3V: 12A
 - -12V: 0.6A



- Certification
- **UL/cUL/CB/CE/BSMI/CCC Platinum Certified**
 - [\[Test Report \]](#)

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)

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-1019p-wtr-1u-up-10xsff-2x10gbe-red-psu-p-3190.html>