

# Supermicro SuperServer SYS-1019GP-TT 1U DP 2xGPU 6xSFF 2x10GbE FIX PSU

Kod producenta: SYS-1019GP-TT



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 C621
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
Hardware GPU	up to 2 Nvidia® Tesla® GPUs
# of 2.5 hot-swap bays	6
# of PCIe x16 3.0	3
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear)
# of SATA Ports	6
Storage Controllers	6 x SATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 COM port (header)
Network Controllers	Intel X550 Dual Port 10GBase-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	ASPEED AST2500
Power Supply	Fixed
PSU Wattage	1400W
Rack Rails	80+ Platinum
Chassis Dimensions	437 x 43 x 724mm

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

## **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.

### Motherboard

#### [Super X11SPG-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
- [GPU Support](#)
  - NVIDIA® Tesla® P100/P40/P4/M60

#### System Memory

- 6 DIMM slots
- Memory Capacity
  - 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® C621 chipset
- SATA
  - SATA3 (6Gbps) with RAID 0, 1, 5, 10
  - Intel® X550 Dual Port 10GBase-T
  - Virtual Machine Device Queues reduce I/O overhead
  - Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
  - Support for Intelligent Platform Management Interface v.2.0
  - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
  - ASPEED AST2500
- Network Connectivity
- IPMI
- Graphics

#### Input / Output

- SATA
  - 6 SATA3 (6Gbps) ports
- LAN
  - 2 RJ45 10GBase-T 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
  - 1 COM Port header
- DOM
  - 2 DOM (Disk on Module) power connectors

#### 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 fan connectors

### Chassis

- Form Factor
  - 1U Rackmount
- Model
  - **CSE-118GTS-1K43BP2**

#### Dimensions

- Height
  - 1.7" (43mm)
- Width
  - 17.2" (437mm)
- Depth
  - 28.5" (724mm)
- Weight
  - Net Weight: 28 lbs (12.70 kg)
  - Gross Weight: 36 lbs (16.33 kg)
- Available Color
  - Black

#### Front Panel

- Buttons
  - Power On/Off button
  - System Reset button
  - Power LED
  - Hard drive activity LED
  - Network activity LEDs
  - System Overheat LED / Fan fail LED / UID LED
- LEDs

#### Expansion Slots

- PCI-Express
  - 1 PCI-E 3.0 x16 slot (center right)
  - 1 PCI-E 3.0 x16 slot (right riser)
  - 1 PCI-E 3.0 x16 slot (left riser)

#### Drive Bays / Storage

- Hot-swap
  - 6 Hot-swap 2.5" SAS/SATA drive bays
  - Supports 2 M.2 form factor 2280
- M.2
  - Supports both M.2 NVMe and SATA SSD

#### System Cooling

- Fans
  - 8 heavy duty counter-rotating 4cm fans with air shroud and optimal fan speed control

#### Power Supply

- 1400W High-efficiency AC power supply with Digital Switching Control & PMBus 1.2
- AC Voltage
  - 1200W: 100-140 V, 14.7-10.5A, 50-60 Hz
  - 1400W: 180-240 V, 10.5-8.0A, 50-60 Hz
- +5V standby
  - 6 Amp
- +12V
  - 100 Amp/115 Vac
  - 117 Amp/230 Vac
- With Power Distributor
  - +5V: 14 Amp

#### 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)

Parts List - (Items Included)

	Part Number	Qty	Description
<b>Motherboard / Chassis</b>	MBD-X11SPG-TF	1	Super X11SPG-TF Motherboard
	CSE-118GTS-1K43BP2	1	1U SC118G Chassis
<b>Backplane</b>	BPN-SAS-118TQ	1	6-port 1U TQ (W/ AMI 9072) backplane, support up to 6x 2.5-inch SAS/SATA HDD/SSD
<b>Cable 1</b>	CBL-0484L	4	SATA,INT,ROUND,ST-ST,55CM,30AWG
<b>Cable 2</b>	CBL-CDAT-0662	2	CBL,SGPIO,2X4F TO 2X4F,P2.54,ROUND CABLE,61.5CM,28AWG
<b>Cable 3</b>	CBL-PWEX-0663	1	PCIe 8 pin male(black) to CPU 8 pin female(white) power adapter, 5cm, 18AWG, 9A/pin, 0~80C, RoHS/REACH
<b>Cable 4</b>	CBL-PWEX-1028	1	GPU,2x4F/CPU to 2x4F/CPU,P4.2, 30CM,16AWG, 10A/pin, -40~105C
<b>Cable 5</b>	CBL-SAST-0624	2	SATA,INT,ROUND,ST-ST,70CM,30AWG
<b>Riser Card</b>	RSC-R1U-E16R	1	RSC-R1U-E16R
<b>Riser Card</b>	RSC-R1UG-E16-UP	1	1U LHS Riser Card with one PCI-E x16 for UP GPU MBs
<b>Riser Card</b>	RSC-R1UG-E16R-UP	1	1U RHS Riser Card with 1 PCI-E x16 for UP GPU MB
<b>Heatsink / Retention</b>	SNK-P0067PS	1	1U Passive CPU Heat Sink for X11 Purley Platform Equipped with a Narrow Retention Mechanism
<b>Power Supply</b>	PWS-1K43F-1R	1	1400W redundant digital power supply

Optional Parts List

	Part Number	Qty	Description
<b>Other GPUs Cables</b>	CBL-PWEX-1061	2	GPU, 2x4F/RA/CPU to two (2x3F+2x1F)/PCIe, P4.2, 34CM, 17/20AWG
<b>AOC-S3008L-L8i (SAS3)</b>	CBL-SAST-0699	2	Mini SAS HD-4 SATA, 12G
<b>AOC-S3108L-H8IR-16DD (SAS3)</b>	CBL-SAST-0699	2	Mini SAS HD-4 SATA, 12G
<b>AOC-S3108L-H8IR (SAS3)</b>	CBL-SAST-0699	2	Mini SAS HD-4 SATA, 12G
<b>Super Cap for LSI 3108</b>	BKT-BBU-BRACKET-05	1	Mounting Bracket for LSI BBUs
	BTR-TFM8G-LSICVM02	1	LSI Super Cap
<b>Global Services &amp; Support</b>	<a href="#">OS4HR3/2/1</a>	-	3/2/1-year onsite 24x7x4 service
	<a href="#">OSNBD3/2/1</a>	-	3/2/1-year onsite NBD service
<b>Software</b>	SFT-OOB-LIC	1	OOB Management Package (per node license)
<b>Software</b>	SFT-DCMS-Single	1	DataCenter Management Package (per node license)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-1019gp-tt-1u-dp-2xgpu-6xsff-2x10gbe-fix-psu-p-3850.html>