

Supermicro SuperServer SYS-5019S-M 1U UP 4xLFF 2xGbE FIX PSU

Kod producenta: SYS-5019S-M



Chassis Form Factor	Rack 1U
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v6 Intel Xeon E3-1200v5 Intel Core i3 7th Gen Intel Core i3 6th Gen
Max CPU TDP	80 W
Chipset	Intel C236 Skylake
Memory Type	DDR4 ECC UDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	4
Backplanes	SAS3/SATA3
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	4
# of Super DOM	2
Storage Controllers	4 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 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Fixed
PSU Wattage	350 W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 503mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 (in x16) slots 1x M.2 connector Peripheral Drives Optional: 2x 2.5" Fixed drives internal

Product SKUs

SYS-5019S-M • SuperServer 5019S-M (Black)

Motherboard

Super X11SSH-F

Processor/Cache

- CPU
- Single Socket H4 (LGA 1151) supports:
 - Intel® Xeon® processor E3-1200 v5,
 - Intel® 6th Gen Core™ i3
 - CPU TDP up to 80W

System Memory

- Memory Capacity
- 4x 288-pin DDR4 DIMM slots
 - Up to 64GB DDR4 ECC UDIMM
- Memory Type
- 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
- DIMM Sizes
- 16GB, 8GB, 4GB
- Memory Voltage
- 1.2 V
- Error Detection
- Corrects single-bit errors
 - Detects double-bit errors (using ECC memory)

On-Board Devices

- Chipset
- Intel® C236 chipset
- SATA
- SATA3 (6Gbps) via C236 controller
 - RAID 0, 1, 5, 10 support
 - 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
- Dual Intel® I210-AT Gigabit Ethernet LAN ports
 - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
- Video
- ASPEED AST2400 BMC

Input / Output

- SATA
- 4x SATA3 (6Gbps) ports
- LAN
- 2x RJ45 Gigabit Ethernet LAN ports
 - 1x RJ45 Dedicated IPMI LAN port
- USB
- 2x USB 3.0 ports (front/rear)
 - 2x USB 2.0 ports
- Video
- 1x VGA port
- Serial Port / Header
- 2x COM ports (1 rear, 1 header)
- SuperDOM
- 2x SuperDOM (Disk on Module) ports with built-in power

PC Health Monitoring

- Voltage
- Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages.
 - Total of 4 fan headers supporting up to 4 fans
 - 4 fans with tachometer status monitoring
- FAN
- Status monitor for speed control
 - Status monitor for on/off control
 - Low noise fan speed control
 - Pulse Width Modulated (PWM) fan connectors
 - Monitoring for CPU and chassis environment
- Temperature
- CPU thermal trip support
 - iC temperature sensing logic
 - Thermal Monitor 2 (TM2) support
 - PECI
- LED
- CPU / System Overheat LED
 - Suspend static indicator LED
 - UID/Remote UID
- Other Features
- Chassis intrusion detection
 - Chassis intrusion header
 - Chipkill support
 - RoHS, Halogen Free

Chassis

Form Factor • 1U Rackmount

Model • **CSE-813MFTQC-350CB**

Dimensions and Weight

- Height
- 1.7" (43mm)
- Width
- 17.2" (437mm)
- Depth
- 19.8" (503mm)
- Package
- 8.5" (H) x 24" (W) x 29.5" (D)
- Weight
- Gross Weight: 30.4 lbs (13.8 kg)
 - Net Weight: 17.6 lbs (8 kg)
- Available Colors
- Black

Front Panel

- Buttons
- Power On/Off button
 - System Reset button
 - Power LED
 - Hard drive activity LED
- LEDs
- 2x Network activity LEDs
 - System Overheat LED

Expansion Slots

- PCI-Express
- 1x PCI-E 3.0 x8 (in x16) AOC slot
 - 1x M.2 connector

Drive Bays

- Hot-swap
- 4x 3.5" Hot-swap SATA3 drive bays

Peripheral Drives

- Optional
- 2x 2.5" Fixed drives internal

Backplane

SAS/SATA HDD Backplane (SAS support requires optional SAS controller)

System Cooling

- Fans
- 4x 40x28mm 4-pin PWM Cooling Fans

Power Supply

- 350W AC power supply w/ PFC
- AC Voltage
- 100-240 V, 50-60 Hz, 4.2-1.8 Amp
- +5V
- Max.: 15 Amp
 - Min.: 0.2 Amp
- +5V standby
- Max.: 3 Amp
 - Min.: 0 Amp
- +12V
- Max.: 29 Amp
 - Min.: 0.5 Amp
- 12V
- Max.: 0.2 Amp
 - Min.: 0 Amp
- +3.3V
- Max.: 12 Amp
 - Min.: 0.2 Amp



Certification **Platinum Level Certified** [Test Report]

System BIOS

- BIOS Type
- 8MB SPI Flash EEPROM with AMI BIOS
- BIOS Features
- DMI 2.3
 - PCI 2.3
 - ACPI 1.0 / 2.0
 - USB Keyboard support
 - SMBIOS 2.3

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)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-5019s-1u-up-4xlf-2xgbe-fix-psu-p-1895.html>