

Supermicro SuperServer SYS-6018R-WTR 1U DP 4xLFF 2xGbE RED PSU

Kod producenta: SYS-6018R-WTR



Chassis Form Factor	Rack 1U
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	4
Backplanes	SAS3/SATA3
Optical drives	1x Slim DVD-ROM / DVD-RW (optional)
# of PCIe x16 3.0	2
# of PCIe x8 3.0	1
# 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 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	750 W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 650mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 Mezzanine for HBA 2x 16x

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SYS-6018R-WTR • SuperServer 6018R-WTR (Black)

Motherboard

Super X10DRW-I

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 Cores** / Up to **55MB** Cache
System Bus • QPI up to 9.6 GT/s
Note * 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 • **2400**/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 via Intel® C612; RAID 0, 1, 5, 10
• Support for Intelligent Platform Management Interface v.2.0
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
• ASPEED AST2400 BMC
IPMI • Intel® i350 Dual Port Gigabit Ethernet Controller
• Virtual Machine Device Queues reduce I/O overhead
Network Controllers • Supports 1GBASE-T, RJ45 output
• 1x Realtek RTL8211E PHY (dedicated IPMI)
Graphics • ASPEED AST2400 BMC

Input / Output

SATA/SAS • 10x SATA3 (6Gbps) ports
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 Header
DOM • 2x SuperDOM (Disk on Module) ports

Management

Software • SuperDoctor® 5
• Watch Dog
• NMI
• IPMI 2.0
• Intel Node Manager
Power Configurations • ACPI / APM Power Management
• Power-on mode for AC power recovery

Chassis

Form Factor • 1U Rackmount
Model • **CSE-815TQ-R706WB**

Dimensions and Weight

Width • 17.2" (437mm)
Height • 1.7" (43mm)
Depth • 25.6" (650mm)
Weight • Net Weight: 25.5 lbs (11.6 kg)
• Gross Weight: 39 lbs (17.7 kg)
Available Colors • Black

Front Panel

Buttons • Power On/Off button
• System Reset button
• UID button
• Power status LED
• HDD activity LED
LEDs • 2x Network activity LEDs
• Universal Information (UID) LED

Expansion Slots

• 2 PCI-E 3.0 x16 full-height, Half-length slots
• 1x PCI-E 3.0 x8 Mezzanine for HBA cards
• [UIO AOC Compatibility Matrix](#)

PCI-Express

(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 • 4x 3.5" Hot-swap SAS / SATA HDD trays (ready for PCI-E storage controller card)

Peripheral Drives

DVD-ROM • Slim DVD-ROM drive (optional)

Backplane

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

System Cooling

Fans • 5x 4cm Counter-rotating PWM fans

AC/DC240V Input Redundant Power Supply

700W/750W Redundant Power Supplies with PMBus

Total Output Power • 700W/750W
Dimension (W x H x L) • 54.5 x 40 x 320 mm
Input • 100 - 140Vac / 8 - 6A / 50-60Hz
• 200 - 240Vac / 4.5 - 3.8A / 50-60Hz
• 200 - 240Vdc / 4.5 - 3.8A (CCC Only)
• Max: 58A / Min: 0.5A (100 - 140Vac)
• Max: 62A / Min: 0.5A (200 - 240Vac)
• Max: 62A / Min: 0.5A (200 - 240Vdc) (CB/CCC Only)
+12V • Max: 58A / Min: 0A
+5V sb • Max: 3A / Min: 0A
Output Type • Gold Finger Connector Mating with Molex 45984-4343

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
• 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)
Environmental Spec. • 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.

<https://www.superstorage.pl/supermicro-superserver-sys-6018r-wtr-1u-dp-4x1ff-2xgbe-red-psu-p-726.html>