

Supermicro SuperServer SYS-1028R-WTNR 1U DP 8xSFF 2xNVMe 2xGbE RED PSU

Kod producenta: SYS-1028R-WTNR



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 2.5 hot-swap bays	8
# of 2.5 Hybrid NVMe bays	2
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	2
# of USB Ports	2 x USB 3.0 (header) 4 x USB 2.0 (rear)
# 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 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	700W
PSU Certification	80+ Platinum
Rack Rails	included

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SYS-1028R-WTNR • SuperServer 1028R-WTNR (Black)

Motherboard

Super X10DRW-N

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
• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB
DIMM Sizes • 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 (6Gbps): RAID 0, 1, 5, 10
• 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
• Intel® i350 Dual Port Gigabit Ethernet Controller
• Virtual Machine Device Queues reduce I/O overhead
Network Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
• 1x Realtek RTL8211E PHY (dedicated IPMI)
Video • ASPEED AST2400 BMC

Input / Output

Serial ATA • 8 SATA3 (6 Gbps) ports and 2 NVMe/SATA3 hybrid ports
LAN • 2x RJ45 Gigabit Ethernet LAN ports
• 1x RJ45 Dedicated IPMI LAN port
USB • 2x USB 3.0 ports (front via header)
• 4x USB 2.0 ports (rear)
Video • 1x VGA port
Serial Port / Header • 1x Fast UART 16550 header
DOM • 2x SuperDOM (Disk on Module) ports

PC Health Monitoring

Voltage • Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.
• 5+1 Phase-switching voltage regulator
FAN • 6x 4-pin fan headers (up to 6 fans)
• 6x fans with tachometer monitoring
• Status monitor for speed control
• Pulse Width Modulated (PWM) fan connectors
• Monitoring for CPU and chassis environment
• CPU thermal trip support
Temperature • Thermal Control for 8x Fan Connectors
• 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
• SDDC Support
• RoHS

Chassis

Form Factor • 1U Rackmount
Model • **CSE-116AC2-R706WB**

Dimensions and Weight

Width • 17.2" (437mm)
Height • 1.7" (43mm)
Depth • 23.5" (597mm)
Gross Weight • 46 lbs (20.9kg)
Available Colors • Black

Front Panel

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

Expansion Slots

PCI-Express • 2x PCI-E 3.0 x16 full-height, half-length slots

Drive Bays

Hot-swap • 8x SATA3 (6Gbps) ports and 2x NVMe/STATA3 hybrid ports (connected to onboard storage controller)

Backplane

SAS/SATA HDD Backplane

System Cooling

Fans • 5x 4cm heavy-duty counter-rotating fans w/ air shroud and optimal fan speed control

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
+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 2.3
BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0
• USB Keyboard support
• SMBIOS 2.7.1
• UEFI 2.3.1

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

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-1028r-wtnr-1u-dp-8xsff-2xnvme-2xgbe-red-psu-p-982.html>