

Supermicro SuperServer SYS-1028R-WC1R 1U DP 10xSFF LSI3108 2xGbE RED PSU

Kod producenta: SYS-1028R-WC1R



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	10
Backplanes	SAS/SATA
# of PCIe x16 3.0	2
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header)
# of SATA Ports	10
# of Super DOM	2
# of SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3108 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,5,6,10,50,60
# 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	750W
PSU Certification	80+ Platinum

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

 **SYS-1028R-WC1R** • SuperServer 1028R-WC1R (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 2TB[†] 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 via Intel® C610; RAID 0, 1
• SAS3 (12Gbps) via LSI 3108
• RAID 0, 1, 5, 6, 10, 50, 60 support
• 2GB DDR3 Cache
SAS • 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 • Intel® i350 Dual Port Gigabit Ethernet Controller
• Virtual Machine Device Queues reduce I/O overhead
• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
• 1x Realtek RTL8211E PHY (dedicated IPMI)
Graphics • ASPEED AST2400 BMC

Input / Output

 **Serial ATA** • 2x SATA3 (6Gbps) ports
SAS • 8x SAS3 (12Gbps) 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)
VGA • 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
Temperature • Monitoring for CPU and chassis environment
• CPU thermal trip support
• 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)
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
• UID button
LEDs • Power status LED
• HDD activity LED
• 2x Network activity LEDs
• Universal Information (UID) LED

Expansion Slots

 **PCI-Express** • 2 PCI-E 3.0 x16 full-height, Half-length slots

Drive Bays

 **Hot-swap** • 10 Hot-swap 2.5" SAS / SATA HDD trays (connected to onboard storage controller)

Backplane

 SAS/SATA HDD Backplane
Optional 2x 2.5" NVMe drives

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 • Max: 3A / Min: 0A
+5V sb • Gold Finger Connector Mating with Molex 45984-4343
Output Type
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
• BIOS resume hot keys
• 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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-1028r-wc1r-1u-dp-10xsff-lsi3108-2xgbe-red-psu-p-724.html>