

# Supermicro SuperServer SYS-F629P3-RTB 4U FatTwin^2 DP 4x8LFF RED PSU

Kod producenta: SYS-F629P3-RTB



|                       |                                |
|-----------------------|--------------------------------|
| Chassis Form Factor   | Rack 4U                        |
| # of systems (nodes)  | 4                              |
| CPU Socket            | LGA 3647 (Socket P)            |
| # of CPU's (per node) | 2                              |
| Supported CPU's       | Intel Xeon Scalable Processors |
| Chipset               | Intel C621                     |
| Network Controllers   | SIOM Networking AOC Matrix     |
| Power Supply          | Redundant                      |
| PSU Wattage           | 1200W                          |
| PSU Certification     | 80+ Titanium                   |

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.*

## Product SKUs

SYS-F629P3-RTB • SuperServer F629P3-RTB (**Black**)

## Motherboard

### [Super X11DPFR-S](#)

## Processor/Cache

- |       |   |
|-------|---|
| CPU   | <ul style="list-style-type: none"><li>• Dual Socket P (LGA 3647)</li><li>• Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s</li><li>• Support CPU TDP 70-165W with IVR</li></ul> |
| Cores | <ul style="list-style-type: none"><li>• Up to 28 Cores with Intel® HT Technology</li></ul>  |

## System Memory

- |                 |   |
|-----------------|---|
| Memory Capacity | <ul style="list-style-type: none"><li>• 12 DIMM slots</li><li>• Up to 1.5TB ECC 3DS LRDIMM, 1.5TB ECC RDIMM, DDR4 up to 2666MHz</li></ul> |
| Memory Type     | <ul style="list-style-type: none"><li>• 2666/2400/2133MHz ECC DDR4 SDRAM</li></ul>  |

## On-Board Devices

- |                     |  |
|---------------------|--|
| Chipset             | <ul style="list-style-type: none"><li>• Intel® C621 chipset</li></ul>  |
| SATA                | <ul style="list-style-type: none"><li>• SATA3 (6Gbps)</li></ul>  |
| Network Controllers | <ul style="list-style-type: none"><li>• Flexible networking via <a href="#">SIOM</a></li><li>• Support for Intelligent Platform Management Interface v.2.0</li></ul> |
| IPMI                | <ul style="list-style-type: none"><li>• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</li></ul>  |
| Graphics            | <ul style="list-style-type: none"><li>• ASPEED AST2500 BMC</li></ul>   |

## Input / Output (per node)

- |      |   |
|------|---|
| SATA | <ul style="list-style-type: none"><li>• 14 SATA3 (6Gbps) ports</li></ul>  |
| LAN  | <ul style="list-style-type: none"><li>• SIOM flexible Network card</li><li>• 1 RJ45 Dedicated IPMI LAN port</li></ul> |
| USB  | <ul style="list-style-type: none"><li>• 2 USB 3.0 ports (rear)</li></ul>  |
| VGA  | <ul style="list-style-type: none"><li>• 1 VGA port</li></ul>  |

## System BIOS

- |           |  |
|-----------|--|
| BIOS Type | <ul style="list-style-type: none"><li>• 128Mb SPI Flash EEPROM with AMI BIOS</li></ul> |
|-----------|--|

## Management

- |                      |  |
|----------------------|--|
| Software             | <ul style="list-style-type: none"><li>• Intel® Node Manager</li><li>• <a href="#">IPMI 2.0</a></li><li>• KVM with dedicated LAN</li><li>• <a href="#">SuperDoctor@ 5</a></li><li>• Watch Dog</li></ul> |
| Power Configurations | <ul style="list-style-type: none"><li>• ACPI Power Management</li></ul>  |

## PC Health Monitoring

- |             |   |
|-------------|---|
| CPU         | <ul style="list-style-type: none"><li>• Monitors for CPU Cores, Chipset Voltages, Memory.</li><li>• 4+1 Phase-switching voltage regulator</li></ul>                               |
| FAN         | <ul style="list-style-type: none"><li>• Fans with tachometer monitoring</li><li>• Status monitor for speed control</li><li>• Pulse Width Modulated (PWM) fan connectors</li></ul> |
| Temperature | <ul style="list-style-type: none"><li>• Monitoring for CPU and chassis environment</li><li>• Thermal Control for fan connectors</li></ul>   |

## Chassis

- |             |  |
|-------------|--|
| Form Factor | <ul style="list-style-type: none"><li>• 4U Rackmount</li></ul>               |
| Model       | <ul style="list-style-type: none"><li>• <b>CSE-F424AS2-R1K23BP</b></li></ul> |

## Dimensions and Weight

- |                  |   |
|------------------|---|
| Width            | <ul style="list-style-type: none"><li>• 17.63" (448mm)</li></ul>  |
| Height           | <ul style="list-style-type: none"><li>• 6.96" (177mm)</li></ul>   |
| Depth            | <ul style="list-style-type: none"><li>• 29" (737mm)</li></ul>   |
| Package          | <ul style="list-style-type: none"><li>• 28.3" (W) x 15.0" (H) x 42.4" (D)</li></ul>   |
| Weight           | <ul style="list-style-type: none"><li>• Net Weight: 150 lbs (68.04 kg)</li><li>• Gross Weight: 200 lbs (90.71 kg)</li></ul> |
| Available Colors | <ul style="list-style-type: none"><li>• Black</li></ul>   |

## Front Panel

- |         |   |
|---------|---|
| Buttons | <ul style="list-style-type: none"><li>• Power On/Off button</li><li>• UID button</li><li>• Power status LED</li><li>• Hard drive activity LED</li></ul> |
| LEDs    | <ul style="list-style-type: none"><li>• Network activity LEDs</li><li>• Information LED (UID, Fan failure, Overheat)</li></ul>                          |

## Expansion Slots (per node)

- |             |  |
|-------------|--|
| PCI-Express | <ul style="list-style-type: none"><li>• 1 PCI-E 3.0 x16 (Low-profile)</li><li>• 1 PCI-E 3.0 x16 (SIOM)</li></ul> |
|-------------|--|

## Drive Bays (per node)

- |              |  |
|--------------|--|
| Hot-swap M.2 | <ul style="list-style-type: none"><li>• 8 Hot-swap 3.5" SATA3 drive bays</li><li>• M.2 Support</li></ul> |
|--------------|--|

## Backplane

- |                      |
|----------------------|
| 1 SAS/SATA backplane |
|----------------------|

## System Cooling (per node)

- |      |  |
|------|--|
| Fans | <ul style="list-style-type: none"><li>• 2x 8cm 14k RPM middle fans</li></ul> |
|------|--|

## Power Supply (76mm Width)

- |   |  |
|---|--|
| 1200W Redundant Power Supplies with PMBus |  |
| Total Output Power                        | <ul style="list-style-type: none"><li>• 1000W/1200W</li></ul>  |
| Dimension (W x H x L)                     | <ul style="list-style-type: none"><li>• 76 x 40 x 336 mm</li></ul>   |
| Input                                     | <ul style="list-style-type: none"><li>• 100-127Vac / 15-12A / 50-60Hz</li><li>• 200-240Vac / 8.5-7A / 50-60Hz</li></ul>      |
| +12V                                      | <ul style="list-style-type: none"><li>• Max: 83A / Min: 0A (100-127Vac)</li><li>• Max: 100A / Min: 0A (200-240Vac)</li></ul> |
| +5Vsb                                     | <ul style="list-style-type: none"><li>• Max: 4A / Min: 0A</li></ul>  |
| Output Type                               | <ul style="list-style-type: none"><li>• 19 Pairs Gold Finger Connector</li></ul>   |



- |               |   |
|---------------|---|
| Certification | <ul style="list-style-type: none"><li>• UL/cUL/CB/BSMI/CE/CCC</li><li>• <b>Titanium Level</b></li><li>• [<a href="#">Test Report</a>]</li></ul> |
|---------------|---|

## Operating Environment

- |                     |  |
|---------------------|--|
| RoHS                | <ul style="list-style-type: none"><li>• RoHS Compliant</li></ul>   |
| Environmental Spec. | <ul style="list-style-type: none"><li>• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)</li><li>• Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)</li><li>• Operating Relative Humidity: 8% to 90% (non-condensing)</li><li>• Non-operating Relative Humidity: 5% to 95% (non-condensing)</li></ul> |

Strona firmowa produktu: [http://www.superstorage.pl/product\\_info.php?products\\_id=3432](http://www.superstorage.pl/product_info.php?products_id=3432)