



## Cisco SG250X-48 | Switch | 48x 1000Mb/s, 2x 10Gb/s, 2x SFP+, Managed



link to the product:

<https://www.batna24.com/gb/p/switches/cisco-sg250x-48-switch-48x-1000mb-s-2x-10gb-s-2x-sfp-managed>

Price: **1,905.50 zł** gross / 1,549.19 zł net



Manufacturer: CISCO

Referention number: DNXXGOMPDRMMJQ

### Product features

|                                        |                            |
|----------------------------------------|----------------------------|
| Regulatory Approvals                   | UL, FCC, CSA               |
| Storage relative humidity (H-H)        | 10 - 90%                   |
| Height                                 | 44 mm                      |
| LED indicators                         | Yes                        |
| Width                                  | 440 mm                     |
| Depth                                  | 257 mm                     |
| Security algorithms                    | 802.1x RADIUS              |
| Mean time between failures (MTBF)      | 68585 h                    |
| Virtual LAN features                   | Port-based VLAN            |
| Packet buffer memory                   | 24 MB                      |
| Storage temperature (T-T)              | -20 to 70 °C               |
| Rack mounting                          | Yes                        |
| Power consumption (max)                | 46 W                       |
| GARP VLAN Registration Protocol (GVRP) | Yes                        |
| IPv4 & IPv6 features                   | Dual stack IPv4/IPv6       |
| Rate limiting                          | Yes                        |
| Humidity measurement range             | 10 - 90%                   |
| USB 2.0 ports quantity                 | 1                          |
| Switching capacity                     | 176 Gb/s                   |
| Quick start guide                      | Yes                        |
| Networking standards                   | IEEE 802.1D                |
| Queue scheduling algorithms            | Weighted Round Robin (WRR) |

|                                               |                                      |
|-----------------------------------------------|--------------------------------------|
| Switch type                                   | Managed                              |
| 10G support                                   | Yes                                  |
| Loop protection                               | Yes                                  |
| Access Control List (ACL) rules               | 512                                  |
| SSH/SSL support                               | Yes                                  |
| Flash memory                                  | 256 MB                               |
| Number of VLANs                               | 255                                  |
| Spanning tree protocol                        | Yes                                  |
| Head-of-line (HOL) blocking                   | Yes                                  |
| Broadcast storm control                       | Yes                                  |
| Plug and Play                                 | Yes                                  |
| Operating temperature (T-T)                   | 0 - 50 °C                            |
| Heat dissipation                              | 156.96 British thermal unit per hour |
| Quality of Service (QoS) support              | Yes                                  |
| Rack mount kit                                | Yes                                  |
| VLAN support                                  | Yes                                  |
| Link aggregation                              | Yes                                  |
| Reset button                                  | Yes                                  |
| Firmware upgradeable                          | Yes                                  |
| IGMP snooping                                 | Yes                                  |
| SFP+ module slots quantity                    | 2                                    |
| Processor frequency                           | 800 MHz                              |
| Web-based management                          | Yes                                  |
| Port mirroring                                | Yes                                  |
| Noise level                                   | 49.3 decibel                         |
| Jumbo frames                                  | 9000                                 |
| Jumbo frames support                          | Yes                                  |
| MAC address table                             | 8000 entries                         |
| Power supply included                         | Yes                                  |
| Power over Ethernet (PoE)                     | No                                   |
| Internal memory                               | 512 MB                               |
| AC input frequency                            | 50 Hz                                |
| Number of queues                              | 8                                    |
| AC input voltage                              | 110 V                                |
| Gigabit Ethernet (copper) ports quantity      | 48                                   |
| System event log                              | Yes                                  |
| DHCP features                                 | DHCP relay                           |
| Built-in processor                            | Yes                                  |
| Copper ethernet cabling technology            | 1000BASE-T                           |
| Product colour                                | Black                                |
| Switch layer                                  | L2+/L3                               |
| Access Control List (ACL)                     | Yes                                  |
| DoS attack prevention                         | Yes                                  |
| Basic switching RJ-45 Ethernet ports type     | Gigabit Ethernet (10/100/1000)       |
| Basic switching RJ-45 Ethernet ports quantity | 48                                   |
| Product weight                                | 3000 g                               |

## Full product description

### Cisco SG250X-48 - 48-port Gigabit Ethernet switch with 4 10 Gb/s ports

The **SG250X-48** model is an extremely powerful switch with **48 Gigabit RJ-45** ports, which offers 2 RJ45 and 2 SFP+ connectors with a maximum throughput of **10 Gb/s**. This manageable switch provides **static layer 3** routing functions.

### The performance of the Cisco brand

The **SG250X-48** switch has a throughput of **130.94 million packets per second**. (64-byte packets) and switching performance reaching **176.0 Gb/s**. The device is covered by a limited, lifetime manufacturer's warranty.



### Cisco 250 series - smart switches

Cisco 250 Series is the next generation of smart and affordable switches that guarantee high network performance and reliability. They are equipped with a wide range of network features needed to configure a stable business network. These powerful Fast or Gigabit Ethernet switches with **1000 Mbps or 10 Gbps** Ethernet ports offer several management options, advanced security features, customized (**QoS**) **quality of service and Layer 3** static routing. These features far outperform ordinary unmanageable switches, while providing lower costs compared to fully managed switches. Power over Ethernet Plus (PoE+), easy-to-use GUI, Smart Network Application allows you to create and configure a complete and efficient network.

### Business applications

Whether you need basic high-speed connectivity to computers and servers or a comprehensive voice or wireless data solution, the Cisco 250 Series switches can meet your needs, and possible deployment scenarios are:

**Fast connectivity to computers** - Cisco 250 series switches enable fast and secure connection of computers, printers, servers with other devices. High performance and reliable connectivity help to speed up file transfer and data processing, extend network operation time, which in turn also increases the level of employee performance.

**Flexible wireless** - To increase network coverage, the Cisco 250-series switches work with Cisco wireless solutions as well as those of other manufacturers. With security features, Power over Ethernet (PoE) power, VLAN and QoS features, they provide an excellent basis for creating an efficient yet highly secure network. The ability to power devices through PoE with up to 30 watts per port via Ethernet cable means that innovative 802.11ac wireless technology can easily be deployed to maximize network throughput.

**Uniform communication** - The Cisco 250 series offers QoS features that enable you to prioritize delay-sensitive traffic on your network and connect all communication solutions such as IP telephony and video surveillance to a single Ethernet network. Cisco offers a full range of IP telephony and other communication products for small businesses that have been thought through, designed and adapted to the needs of small business. The Cisco 250 series switches have been rigorously tested to ensure easy integration and full compatibility with other manufacturer's devices.



### Using the 250 series - features and benefits

- Easy configuration and management
- Reliability and performance
- Static layer 3 routing
- Power over Ethernet Plus (PoE+)
- Power supply to switches via PoE and PoE pass-through
- Network security
- IPv6 support
- Support for IP telephony
- Energy-saving solutions
- Cisco Limited Lifetime Warranty
- World-class support

