



Cisco SG250-50HP | PoE Switch | 48x 1000Mb/s PoE/PoE+, 2x 1Gb/s Combo, PoE 192W, Managed



link to the product:

<https://www.batna24.com/gb/p/switches/cisco-sg250-50hp-poe-switch-48x-1000mb-s-poe-poe-2x-1gb-s-combo-poe-192w-managed>

Price: **1,448.05 zł** gross / 1,177.28 zł net



Manufacturer: CISCO

Referention number: DNXXGOMPLRMNHI

Product features

Regulatory Approvals	UL, CSA, CE, FCC
Storage relative humidity (H-H)	10 – 90%
Height	44 mm
LED indicators	Yes
Width	440 mm
Depth	350 mm
Security algorithms	802.1x RADIUS
Mean time between failures (MTBF)	62607 h
Virtual LAN features	Protocol-based VLAN
Packet buffer memory	24 MB
Storage temperature (T-T)	-20 to 70 °C
Rack mounting	Yes
Power consumption (max)	267.2 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
Harmonized System (HS) code	85176990
Switching capacity	100 Gb/s
Quick start guide	Yes
Networking standards	IEEE 802.1D

Queue scheduling algorithms	Weighted Round Robin (WRR)
Switch type	Managed
10G support	No
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	911.72 British thermal unit per hour
Quality of Service (QoS) support	Yes
Rack mount kit	Yes
VLAN support	Yes
Link aggregation	Yes
Total Power over Ethernet (PoE) budget	192 W
Reset button	Yes
Firmware upgradeable	Yes
IGMP snooping	Yes
Processor frequency	800 MHz
Web-based management	Yes
Port mirroring	Yes
Noise level	47.3 decibel
Jumbo frames	9000
Jumbo frames support	Yes
MAC address table	8000 entries
Power supply included	Yes
Power over Ethernet (PoE)	Yes
Internal memory	512 MB
Combo SFP ports quantity	2
AC input frequency	50 Hz
Number of queues	8
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	48
System event log	Yes
Power over Ethernet plus (PoE+) ports quantity	48
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

Full product description

Cisco SG250-50HP - 50-port Gigabit PoE manageable switch

The **SG250-50HP** switch has been equipped with **48 1000 Mb/s ports with PoE/PoE+** support. Power budget for PoE is **192 W**. The switch has additionally 2 **Gigabit Combo (RJ45/SFP)** ports. There are several ways to configure and manage the switch, including **Graphical Web interface and CLI** text console.

High quality and failure-free

The switch has a bandwidth of **74.41 million packets per second** (64-byte packets) and a switching capacity of **100.0 Gb/s**. The manufacturer's predicted limit of failure-free operation time of the device is **62 thousand hours (MTBF at 50°C)**.



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) service quality features, 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 computer 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

