



Cisco SG550XG-48T | Switch | 46x 10G RJ45, 2x 10G Combo(RJ45/SFP+), Stackable



link to the product:

<https://www.batna24.com/gb/p/switches/cisco-sg550xg-48t-switch-46x-10g-rj45-2x-10g-comborj45-sfp-stackable>

Price: **14,750.69 zł** gross / 11,992.43 zł net



Manufacturer: CISCO

Referention number: DNXGFPJPJRMNP

Product features

Regulatory Approvals	UL (UL 60950), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A
Storage relative humidity (H-H)	10 - 90%
Height	44 mm
LED indicators	Yes
Width	440 mm
Depth	450 mm
Security algorithms	802.1x RADIUS
Mean time between failures (MTBF)	111322.82 h
Virtual LAN features	Port-based VLAN
Storage temperature (T-T)	-20 - 70 °C
Cables included	AC
Rack mounting	Yes
Power consumption (max)	264.4 W
Rate limiting	Yes
Console port	RJ-45
Humidity measurement range	10 - 90%
USB 2.0 ports quantity	1
Harmonized System (HS) code	85176990
Switching capacity	960 Gb/s
Quick start guide	Yes
Networking standards	IEEE 802.1D
Switch type	Managed

10G support	Yes
Loop protection	Yes
BPDU filtering/protection	Yes
Authentication	Port-based authentication
ARP inspection	Yes
Cable length detection	Yes
MAC address auto-learning supported	Yes
SSH/SSL support	Yes
Flash memory	256 MB
Number of VLANs	4094
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
Broadcast storm control	Yes
Operating temperature (T-T)	0 - 50 °C
Heat dissipation	902.17 British thermal unit per hour
Quality of Service (QoS) support	Yes
Rack mount kit	Yes
VLAN support	Yes
Link aggregation	Yes
Reset button	Yes
Management protocols	TFTP, SNMP, Telnet, SNMP
Firmware upgradeable	Yes
IGMP snooping	Yes
SFP+ module slots quantity	2
IP routing	Yes
Processor frequency	800 MHz
Web-based management	Yes
Fiber optic connector	SFP+
Flow control support	Yes
Port mirroring	Yes
Resource CD	Yes
Jumbo frames	9000
Jumbo frames support	Yes
MAC address table	64000 entries
Power supply included	Yes
Power over Ethernet (PoE)	No
Internal memory	512 MB
Number of IP interfaces	256
ExpressCard slot	No
Number of static routes	8000
AC input frequency	47 Hz
Number of queues	8
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	1
Cable types supported	Cat6e
DHCP features	DHCP client
Built-in processor	Yes
Number of multicast groups filtered	4000

Copper ethernet cabling technology	1000BASE-T
Product colour	Black
Physical stacking (units)	8
Switch layer	L3+
IP-MAC-Port binding	Yes
Access Control List (ACL)	Yes
Multicast support	Yes
Number of power supply units	1
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
Basic switching RJ-45 Ethernet ports quantity	48
Stackable	Yes
Product weight	7430 g

Full product description

Cisco SG550XG-48T - 48-port switch with 10 Gb/s RJ45 ports and Stackable Managed Switch - 550X Cisco Series

The **Cisco SG550XG-48T** switch is equipped with **46 RJ45 ports with a capacity of 10 Gb/s** and **2 10 Gb/s Combo RJ45/SFP+** ports. The Cisco switches are managed and configured with a graphical user interface available through a web browser and a text-based CLI console.



Performance at Cisco level

The switch has a throughput of **714.24 million packets per second (64-byte packets)** and a switching capacity of **960 Gb/s**. The Cisco switch comes with a limited, lifetime manufacturer's warranty.

Cisco 550X Series Switches - physical stacking of switches

Unlike stackable switches that have components that are administered and diagnosed separately, the **Cisco 550X** series provides a real, end-to-end stacking of switches, allowing you to configure, manage and troubleshoot multiple switches as if they were a single device, making network expansion much easier.



Why Cisco? Features and benefits of the 550X series switches

High performance 10 Gigabit Ethernet ports The Cisco 550X series switches have 10 Gigabit Ethernet ports, providing low-cost and flexible configurations to meet the high networking requirements of small and medium-sized enterprises. The 10G copper ports in the SX550X switches allow connections to servers and network attached storage devices using standard RJ-45 Ethernet cable.

Easy implementation and use The Cisco 550X Switches are designed for small and medium-sized enterprises. They are extremely easy to use and manage.

550X Series Switches - key features

- **Smart Network Application (SNA)** is an innovative network level monitoring and management tool built into the **series Cisco 250 to 550X** switches. It provides the ability to display network topology and connection status, allows you to monitor events, implement configurations and update software in multiple switches on the network.

- **FindIT Network Manager and Probe** are designed to manage switches, routers and wireless access points from the Cisco 100 to 500 series. They not only react to events, but allow proactive network management. The **Cisco 550X** series switches support the built-in FindIT Network Probe, which eliminates the need to configure separate hardware or a virtual machine on site. **For more information, visit the manufacturer's website:** [Cisco - FindIT Network Manager and Probe](#)

- The **FindIT Network Discovery** tool works with a simple toolbar in your web browser. It allows you to discover Cisco devices on the network and display basic device information, inventories or new firmware updates, helping you configure and speed up the deployment of **Cisco Small Business** products.

- The advanced but easy-to-use graphical user interfaces reduce the time needed for deployment, troubleshooting and network management, and allow for convenient use of advanced features.

- Configuration wizards simplify the most common configuration tasks and are the perfect tool for easy network configuration and management.

- The switches also support **Command-Line Interface (CLI)** text interface.

- With **Auto Smart** ports, the switch detects a network device connected to any port and automatically configures optimal security, quality of service (**QoS**) and availability on that port.

- **The Cisco Discovery** Protocol detects Cisco devices and allows them to share key configuration information to simplify network configuration and integration.

- Support for **SNMP (Simple Network Management Protocol)** allows you to configure switches and other Cisco devices and manage them remotely, making the IT department more efficient and facilitating mass configurations.

- **The USB port** in the switch provides easy transfer of images and configurations, shortening the implementation or upgrade time.

- **Networkwide Automatic Voice Deployment** - Using **Cisco Discovery Protocol, LLDP-MED, Auto Smartports and Voice Services Discovery Protocol** (VSDP - Cisco's unique protocol), Customers can dynamically deploy an end-to-end voice network.



Comparison of all models of Cisco 550 series switches

Comparison available on manufacturer's website: [HERE](#)