



## Cisco SG300-28MP-K9-EU | Switch | 24x RJ45 1000Mb/s PoE, 2x RJ45/SFP Combo, 180W



link to the product:

<https://www.batna24.com/gb/p/switches/cisco-sg300-28mp-k9-eu-switch-24x-rj45-1000mb-s-poe-2x-rj45-sfp-combo-180w>

Price: **1,792.06 zł** gross / 1,456.96 zł net



Manufacturer: CISCO

Referention number: DNXGGHHNDRMLLI

### Product features

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| Regulatory Approvals              | UL (UL 60950), CSA (CSA 22.2), CE, FCC 15 (CFR 47) A |
| Storage relative humidity (H-H)   | 10 – 90%                                             |
| Height                            | 44.45 mm                                             |
| LED indicators                    | Yes                                                  |
| Switching protocols               | GVRP, GARP, DHCP                                     |
| Width                             | 440 mm                                               |
| Depth                             | 350 mm                                               |
| Security algorithms               | 802.1x RADIUS                                        |
| Mean time between failures (MTBF) | 138676.92 h                                          |
| Virtual LAN features              | Private VLAN                                         |
| Packet buffer memory              | 8 MB                                                 |
| Storage temperature (T-T)         | -20 to 70 °C                                         |
| Cables included                   | AC                                                   |
| Rack mounting                     | Yes                                                  |
| Power consumption (max)           | 445 W                                                |
| Rate limiting                     | Yes                                                  |
| Authentication type               | IEEE 802.1x                                          |
| MIB support                       | Y                                                    |
| Power consumption (typical)       | 43.1 W                                               |
| Humidity measurement range        | 10 – 90%                                             |
| DIN rail mounting                 | Yes                                                  |
| Switching capacity                | 56 Gb/s                                              |

|                                                |                                                                        |
|------------------------------------------------|------------------------------------------------------------------------|
| Networking standards                           | IEEE 802.1D                                                            |
| Switch type                                    | Managed                                                                |
| 10G support                                    | No                                                                     |
| Loop protection                                | Yes                                                                    |
| BPDU filtering/protection                      | Yes                                                                    |
| ARP inspection                                 | Yes                                                                    |
| SSH/SSL support                                | Yes                                                                    |
| IFU / User manual                              | Yes                                                                    |
| Flash memory                                   | 16 MB                                                                  |
| Number of VLANs                                | 4096                                                                   |
| Spanning tree protocol                         | Yes                                                                    |
| Head-of-line (HOL) blocking                    | Yes                                                                    |
| Broadcast storm control                        | Yes                                                                    |
| Operating temperature (T-T)                    | 0 – 50 °C                                                              |
| Heat dissipation                               | 1487.63 British thermal unit per hour                                  |
| Quality of Service (QoS) support               | Yes                                                                    |
| Supported network protocols                    | TCP/IP, IPv4/v6, HTTP/HTTPS, UDP, SSH, BPDU, IPSG, SNTP, TFTP, Bonjour |
| VLAN support                                   | Yes                                                                    |
| Link aggregation                               | Yes                                                                    |
| Total Power over Ethernet (PoE) budget         | 375 W                                                                  |
| User guide                                     | Yes                                                                    |
| Reset button                                   | Yes                                                                    |
| Management protocols                           | SNMP v1/v2c/v3, MIB, HTTP/HTTPS, RMON, IPv4, IPv6                      |
| IGMP snooping                                  | Yes                                                                    |
| IP routing                                     | Yes                                                                    |
| Web-based management                           | Yes                                                                    |
| Flow control support                           | Yes                                                                    |
| Port mirroring                                 | Yes                                                                    |
| Noise level                                    | 54 decibel                                                             |
| Jumbo frames support                           | Yes                                                                    |
| MAC address table                              | 16384 entries                                                          |
| Power supply included                          | Yes                                                                    |
| Power over Ethernet (PoE)                      | Yes                                                                    |
| Internal memory                                | 128 MB                                                                 |
| Combo SFP ports quantity                       | 2                                                                      |
| Number of static routes                        | 512                                                                    |
| AC input frequency                             | 50 Hz                                                                  |
| Number of queues                               | 4                                                                      |
| AC input voltage                               | 100 V                                                                  |
| System event log                               | Yes                                                                    |
| Power over Ethernet plus (PoE+) ports quantity | 24                                                                     |
| DHCP features                                  | DHCP client                                                            |
| Copper ethernet cabling technology             | 1000BASE-T                                                             |
| Product colour                                 | Black                                                                  |
| Switch layer                                   | L3+                                                                    |
| Access Control List (ACL)                      | Yes                                                                    |

|                                               |                                |
|-----------------------------------------------|--------------------------------|
| MAC address filtering                         | Yes                            |
| Multicast support                             | Yes                            |
| Basic switching RJ-45 Ethernet ports type     | Gigabit Ethernet (10/100/1000) |
| Basic switching RJ-45 Ethernet ports quantity | 26                             |
| Product weight                                | 5260 g                         |

Full product description

Cisco Sg300-28mp-Managed Layer 3 Gigabit Switch

The **Cisco 300** series switches are part of the Cisco Small Business line, which are models of **affordable** managed **switches** that will provide a solid foundation for your business network. These switches will provide **the necessary features** to increase the availability of critical business applications, **protect confidential information**, and optimize network bandwidth for more efficient transmission of application information. Easily install and use Cisco 300 Series switches, the ideal **combination of availability** and capabilities for small and medium-sized businesses to connect users to the network more efficiently.



Performance at the highest level

The switch has a throughput of **41.67 million packets per second (64-byte packets)** and switching capacity of **56 Gbps**. The presented model is equipped with **24 ports with PoE support**. Total **PoE power budget is 375W** . Cisco switch is covered by the **manufacturer's limited lifetime warranty**.



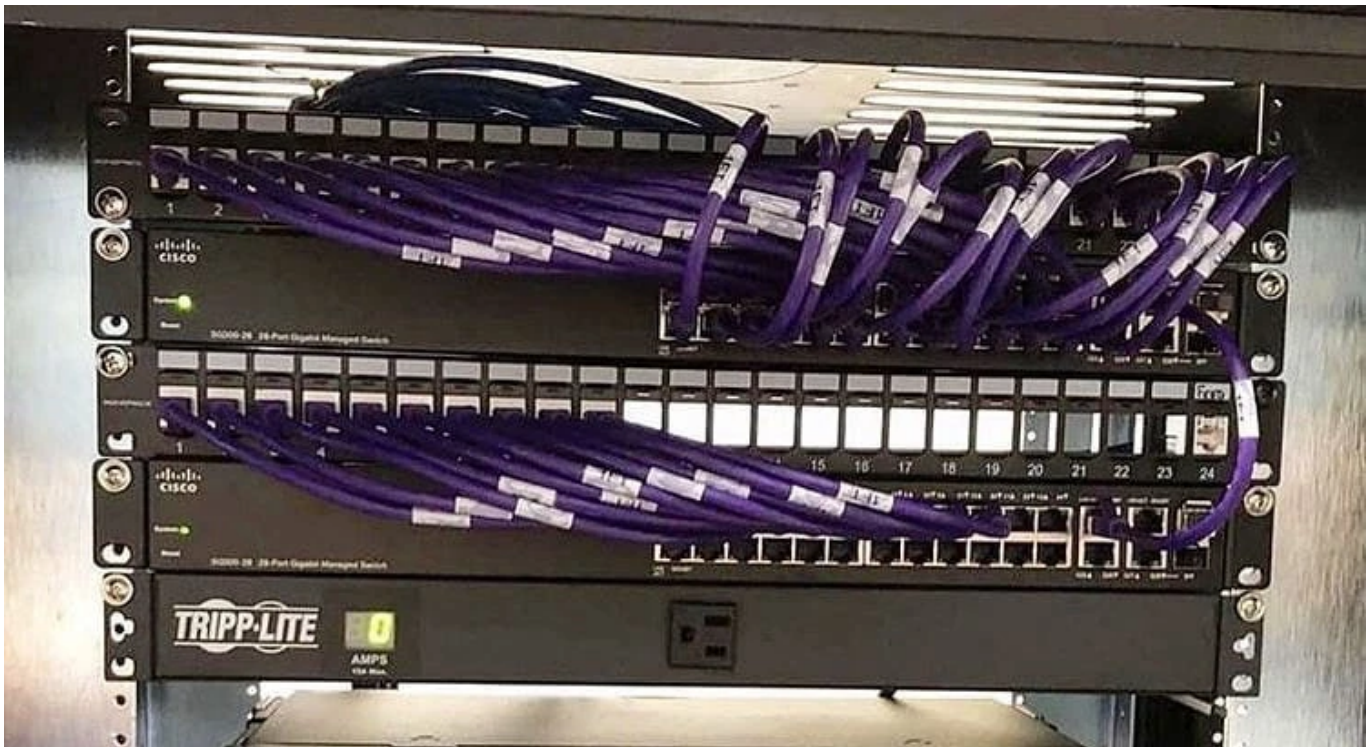
Cisco 300X Series

**Cisco® 300X series** is a line of managed Ethernet switches at a very affordable price. The devices offer a rich array of capabilities necessary to support demanding network environments, are easy to deploy and manage, and do not require support from numerous IT staff.



## Why Cisco? Features and benefits of 300X series switches

**Cisco 300X Series** Switches provide growing businesses with an advanced and complete feature set and all the necessary applications and technologies for high throughput. The switches ensure reliability of key features, protect sensitive business information, and optimize network bandwidth for the most efficient transfer of data across the network.



## 300X Series Switches - Key Features

**High performance and reliability:** the Cisco 300 Series switches undergo a multi-level testing regime to ensure high availability and performance.

**Fast and easy configuration:** the included software provides an intuitive web-based interface for easy switch configuration, including Security and Quality of Service (QoS).

**IP telephony support:** the Cisco 300 Series switches include a built-in QoS engine for prioritizing latency-sensitive services such as voice and video.

**High security:** the Cisco 300 Series switches provide a high level of security and provide full network protection against unauthorized users, including: ACLs, 802.1 X, guest VLANs, and more.

**Power Over Ethernet support:** up to 48 PoE ports are available on 300 Series switches for Fast Ethernet or Gigabit Ethernet connections. Some models support both IEEE 802.3 af PoE and IEEE 802.3 at PoE+, as well as IEEE 802.3 af PoE.

**Automatic deployment of voice services:** a combination of CDP, LLDP-MED, Auto Smartports and VSDP voice services enables dynamic end-to-end voice network deployment. Switches in the network automatically converge on a single voice VLAN and set of QoS parameters, and then distribute the information to the phones located on the ports.

**Advanced network management:** The Cisco 300 Series enables a variety of advanced features to manage network traffic. Features include: IPv6, Static routing, Layer 3 switching, web GUI, SNMP, CLI, multiple image support, and system configuration.

**Additional Gigabit Ethernet ports:** the Cisco 300 series switches provide a large number of ports on the device, including additional SFP ports.

**Energy efficient solutions:** the Cisco 300 Series switches are energy efficient and environmentally friendly devices. The technology saves energy by optimizing power consumption, which helps protect the environment and reduce electricity costs.

**Peace of Mind and Investment Protection:** the Cisco 300 series switches offer reliable performance, investment protection, and peace of mind.