



# Cisco SG300-28 (SRW2024-K9-EU)



The Cisco SG300-28 switch is an affordable 28-port managed Gigabit (10/100/1000) switch, including two combination mini-GBIC ports, that delivers the performance required for high-bandwidth applications. It offers the security and advanced network features needed to support business-class data, voice, security, and wireless solutions. With energysaving technology, the switch optimizes power use to help protect the environment and reduce energy costs without compromising performance. It is easy to configure and manage with intuitive browser-based tools and is offered with a limited lifetime warranty, including next business day advance replacement and one year of technical support. The Cisco SG300-28 provides the ideal combination of affordability, performance, and capabilities in a switch designed specifically for small businesses.

## Main specifications:

### Management features

Switch type:	Managed network switch
Switch layer:	L3
Quality of Service (QoS) support:	Y
Web-based management:	Y

### Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity:	28
Combo SFP ports quantity:	2
SFP/SFP+ slots quantity:	2
Gigabit Ethernet (copper) ports quantity:	26

### Networking

Networking standards:	IEEE 802.1s, IEEE 802.1w, IEEE 802.1X, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support:	N
DHCP client:	Y
DHCP server:	Y
IP routing:	Y
IGMP snooping:	Y
Spanning tree protocol:	Y Routing entries: 32

### Data transmission

MAC address table:	8000 entries
Switching capacity:	56 Gbit/s
Supported data transfer rates:	10/100/1000 Mbps
Number of VLANs:	256 Maximum data transfer rate:
	1 Gbit/s

### Security

MAC address filtering:	Y
Access Control List (ACL):	Y
SSH/SSL support:	Y

### Protocols

Management protocols: SNMP 1/2c/3, RMON, HTTP/HTTPS, TFTP, DHCP, SSH, RADIUS, BOOTP, SNTTP

## Design

Colour of product: Black  
LED indicators: Y  
Certification: UL (UL 60950), CSA (CSA 22.2), CE, FCC 15 (CFR 47) A

## Performance

Stackable: N  
Internal memory: 128 MB  
Flash memory: 16 MB  
Mean time between failures (MTBF): 179141 h

## Power

Power consumption (typical): 30.1 W

## Power over Ethernet (PoE)

Power over Ethernet (PoE): N

## System requirements

Minimum system requirements: Mozilla Firefox 2.5, Microsoft Internet Explorer 6

## Operational conditions

Operating temperature (T-T): 0 - 40 °C  
Storage temperature (T-T): -20 - 70 °C  
Operating relative humidity (H-H): 10 - 90 %  
Operating temperature (T-T): 32 - 104 °F  
Heat dissipation: 103.4 BTU/h

## Other features

Dimensions (WxDxH): 440 x 257 x 44.45 mm  
Connectivity technology: Wired  
Power requirements: AC 100-240V@47-63Hz  
Power supply type: AC  
Networking features: Ethernet, Fast Ethernet, Gigabit Ethernet  
Authentication method: RADIUS, MD5  
Wi-Fi: N  
Non-operating relative humidity (non-condensing): 10 - 90 %