



Cisco SG300-52P (SG300-52P-K9-EU)



Cisco Small Business 300 Series Managed Switches: Overview

Cisco 300 Series Switches deliver the ideal combination of price, performance, and capabilities in a solution designed specifically for small businesses. This broad portfolio of affordable managed switches provides a powerful foundation to support your business network.

Cisco 300 Series Switches offer:

- High performance and reliability: Get the high availability and performance you need to support vital business applications while reducing downtime.
- Advanced features: Control network traffic with advanced features such as quality of service (QoS), Layer 3 static routing, and IPv6 support.
- Easy setup and management: Intuitive browser-based tools, mass deployment capabilities, and consistent features across all models simplify setup and configuration.
- An eco-friendly solution: Switches optimize power usage for energy efficiency without compromising performance.
- Peace of mind: All Cisco 300 Series Switches are protected for the life of the product by the Cisco Limited Lifetime Hardware Warranty, which includes next-business-day advance replacement.

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:	52
Combo SFP ports quantity:	2
SFP/SFP+ slots quantity:	2
Copper ethernet cabling technology:	1000BASE-T,100BASE-TX,10BASE-T
Gigabit Ethernet (copper) ports quantity:	52

Networking

Networking standards:	IEEE 802.1D,IEEE 802.1p,IEEE 802.1Q,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 802.3az,IEEE 802.3u,IEEE 802.3x,IEEE 802.3z
10G support:	N
Head-of-line (HOL) blocking:	Y
Port mirroring:	Y
DHCP client:	Y
DHCP server:	Y
IP routing:	Y
IGMP snooping:	Y
Spanning tree protocol:	Y
VLAN support:	Y

Data transmission

MAC address table:	16384 entries
Switching capacity:	104 Gbit/s
Supported data transfer rates:	10/100/1000 Mbit/s
Number of VLANs:	4096
Number of static routes:	512
Maximum data transfer rate:	1 Gbit/s
Jumbo frames support:	Y

Optical fiber

Fiber optic connector:	SFP
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Security

Security algorithms:	SSH,SSH-2,SSL/TLS
MAC address filtering:	Y
Access Control List (ACL):	Y SSH/SSL support:
Y	

Protocols

Management protocols:	LACP, IGMP v1, 2, SNMP 1, 2c, 3
Switching protocols:	GVRP, GARP, DHCP Supported network protocols: IPv4/v6, HTTP/HTTPS, UDP, SSH, BPDU, IPSG, SNTP, TFTP, Bonjour

Design

Colour of product:	Black
LED indicators:	Activity,Link,PoE,Power
Ventilation fan(s):	4 Certification: UL (UL 60950), CSA (CSA 22.2), CE, FCC 15 (CFR 47) A

Performance

Internal memory:	128 MB
Flash memory:	16 MB
Noise level:	46.9 dB
Packet buffer memory:	16 MB

Power

Power consumption (typical):	473.62 W
AC input voltage:	100-240 V
AC input frequency:	50/60 Hz
Number of power supply units:	1

Power over Ethernet (PoE)

Power over Ethernet (PoE):	Y
Power over Ethernet (PoE) ports quantity:	48

Packaging content

Cables included:	AC,Serial
User guide: Y Manual: Y	

System requirements

Compatible operating systems:	Microsoft Windows, Linux, Mac OS X
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Operational conditions

Operating temperature (T-T):	0 - 40 °C
Storage temperature (T-T):	-20 - 70 °C
Operating relative humidity (H-H):	10 - 90 %
Storage relative humidity (H-H):	10 - 90 %

Weight & dimensions

Width:	440 mm
Depth:	350 mm
Height: 44.45 mm Weight:	5300 g

Other features

Packet transfer speed:	77380000
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