



Cisco Small Business SG300-10PP-K9-EU network switch (SG300-10PP-K9-EU)



Easy-to-Use Managed Switches that Provide the Ideal Combination of Features and Affordability

To stay ahead in a competitive marketplace, small businesses need to make every dollar count. That means getting the most value from your technology investments, but it also means making sure that employees have fast, reliable access to the business tools and information they need. Every minute an employee waits for an unresponsive application - and every minute your network is down - has an impact on your bottom line. The importance of maintaining a strong and dependable business network only grows as your business adds more employees, applications, and network complexity.

When your business needs advanced security and features but value is still a top consideration, you're ready for the new generation of Cisco Small Business managed switches: the Cisco 300 Series.

Main specifications:

Management features

Switch type: Managed network switch
Switch layer: L2

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity: 8
Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000)
Combo SFP ports quantity: 2 ExpressCard slot:
N

Networking

Networking standards: IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, 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
Head-of-line (HOL) blocking: Y
Flow control support: Y Port mirroring: Y
Link aggregation: Y
Broadcast storm control: Y Rate limiting: Y
DHCP client: Y
DHCP server: Y
Spanning tree protocol: Y VLAN support: Y

Data transmission

MAC address table: 16384 entries
Switching capacity: 20 Gbit/s
Throughput: 14.88 Mpps
Number of VLANs: 4096
Number of queues: 4

Jumbo frames support:	Y
Security	
Security algorithms:	802.1x RADIUS,HTTPS,SSH,SSL/TLS
MAC address filtering:	Y
Access Control List (ACL):	Y
SSH/SSL support:	Y
Protocols	
Management protocols:	SNMP V1/V2c/V3, HTTP/HTTPS
Supported network protocols:	IPv4, IPv6
Design	
Colour of product:	Black
LED indicators:	Y
Case design:	Freestanding
Certification:	UL (UL 60950), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A
Performance	
Flash memory:	16 MB
Firmware upgradeable:	Y
Packet buffer memory:	1 MB
Mean time between failures (MTBF):	945042 h
Power	
Power consumption (typical):	13.37 W
AC input voltage:	100-240 V
AC input frequency:	50/60 Hz
Input current:	2 A
Number of power supply units:	1
Power over Ethernet (PoE)	
Power over Ethernet (PoE):	Y
Power over Ethernet plus (PoE+) ports quantity:	8
Total Power over Ethernet (PoE) budget:	62 W
System requirements	
Minimum system requirements:	Mozilla Firefox v8, Microsoft Internet Explorer v7, Safari, Chrome
Operational conditions	
Operating temperature (T-T):	0 - 45 °C
Storage temperature (T-T):	-20 - 70 °C
Operating relative humidity (H-H):	10 - 90 %
Storage relative humidity (H-H):	10 - 90 % Heat dissipation: 278.36 BTU/h
Weight & dimensions	
Width:	279.4 mm
Depth:	170 mm
Height:	44.45 mm Weight: 1240 g
Packaging content	
Cables included:	Serial
Quick start guide:	Y