



TP-Link Omada SG3428 netwerk-switch Managed L2/L3 Gigabit Ethernet (10/100/1000) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3428

Productnaam : SG3428



TP-Link Omada SG3428. Switch type: Managed, Switch-laag: L2/L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 24, Console port: RJ-45/Micro-USB. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 56 Gbit/s. Netwerkstandaard: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Rack-montage, Vormfactor: 1U

Management features		Security	
Switch type *	Managed	DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Switch layer	L2/L3	Access Control List (ACL)	✓
Quality of Service (QoS) support	✓	IGMP snooping	✓
Web-based management	✓	MAC address filtering	✓
Cloud-managed	✓	Static port security	✓
ARP inspection	✓	SSH/SSL support	✓
Configuring Location Settings (CLI)	✓	Loop protection	✓
System event log	✓	BPDU filtering/protection	✓
MIB support	Yes	IP-MAC-Port binding	✓
Ports & interfaces		Authentication	MAC-based authentication, Port-based authentication
Basic switching RJ-45 Ethernet ports quantity *	24	Authentication type	AAA, RADIUS, TACACS+
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Multicast features	
Gigabit Ethernet (copper) ports quantity	24	Multicast support	✓
SFP module slots quantity	4	Multicast Listener Discovery (MLD) snooping	✓
Console port	RJ-45/Micro-USB	Protocols	
Network		Management protocols	SNMPv1/v2c/v3, SNMP
Networking standards *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	GARP VLAN Registration Protocol (GVRP)	✓
10G support *	✗	IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer
Port mirroring	✓	Design	
IP routing	✓	Rack mounting *	✓
Policy-based routing	✓	Form factor	1U
Flow control support	✓	Product colour	Black
Link aggregation	✓	LED indicators	✓
Broadcast storm control	✓	Number of fans	0 fan(s)
Rate limiting	✓	Power	
Spanning tree protocol	✓	Power source *	AC
Head-of-line (HOL) blocking	✓	Power supply included *	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	AC input voltage	100 - 240 V
IPv4 routes	48	AC input frequency	50/60 Hz
IPv6 routes	48	Power consumption (max)	20.6 W
VLAN support	✓		
Virtual LAN features	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN		
Number of VLANs	4000		

Data transmission		Power over Ethernet (PoE)	
Switching capacity *	56 Gbit/s	Power over Ethernet (PoE) *	✗
Forwarding rate	41.66 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 45 °C
Store-and-forward	✓	Storage temperature (T-T)	-40 - 70 °C
Static route	✓	Operating relative humidity (H-H)	10 - 90%
Number of static routes	48	Storage relative humidity (H-H)	5 - 90%
Jumbo frames support	✓	Heat dissipation	70.3 BTU/h
Jumbo frames	9000	Weight & dimensions	
Packet buffer memory	12 MB	Width	440 mm
		Depth	180 mm
		Height	44 mm
		Packaging content	
		Cables included	LAN (RJ-45)
		Quick start guide	✓



6935364010713

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-FEB-2025. Prints or copies of Information are only valid on the printed Publication date