



TP-Link Omada SG3428XMPP network switch Managed L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black



Brand : TP-Link

Product family: Omada

Product code: SG3428XMPP

Product name : SG3428XMPP

- 8x Gigabit 802.af/at/bt PoE++ ports (Max 90 W PoE budget for each port)
- 16x Gigabit 802.3af/at PoE+ ports (Max 30 W budget for each port)
- 500 W total PoE budget*
- Centralized cloud management via the web or the Omada app†
- Standalone management via web, CLI, SNMP, and RMON
- Static Routing, VLAN, ACL, QoS, IGMP Snooping, OAM, and DDM
- ERPS supports rapid protection and recovery in a ring topology
- Durable metal casing and rack-mountable design

Omada 24-Port Gigabit and 4-Port 10GE SFP+ L2+ Managed Switch with 16-Port PoE+ & 8-Port PoE++

[TP-Link Omada SG3428XMPP network switch Managed L2+ Gigabit Ethernet \(10/100/1000\) Power over Ethernet \(PoE\) 1U Black:](#)

Empowering the High-Power Devices with Gigabit PoE++ Ports

Easily Build a Whole 10G Multi-gigabit Network

Software Defined Networking (SDN) with Cloud Access

Remotely manage your access points, switches, and gateways across multiple sites all from a single interface.

Management features		Security	
Switch type *	Managed	BPDU filtering/protection	✓
Switch layer	L2+	IP-MAC-Port binding	✓
Quality of Service (QoS) support	✓	Authentication	Auto VLAN, Guest VLAN
Web-based management	✓	Multicast features	
Cloud-managed	✓	Multicast support	✓
ARP inspection	✓	Design	
Configuring Location Settings (CLI)	✓	Rack mounting *	✓
System event log	✓	Form factor	1U
Ports & interfaces		Product colour	Black
Basic switching RJ-45 Ethernet ports quantity *	24	Reset button	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	LED indicators	✓
SFP+ module slots quantity	4	Number of fans	3 fan(s)
Console port	RJ-45/Micro-USB	Power	
Power connector	AC-in jack	Power source *	AC
Network		Power supply included *	✓
Networking standards *	IEEE 802.3af, IEEE 802.3at	AC input voltage	100 - 240 V
10G support *	✓	AC input frequency	50/60 Hz
Port mirroring	✓	Power consumption (max)	486.2 W
Flow control support	✓	Power over Ethernet (PoE)	
Link aggregation	✓	Power over Ethernet (PoE) *	✓
Broadcast storm control	✓	Power over Ethernet plus (PoE+) ports quantity	16
Rate limiting	✓	Power over Ethernet 4PPoE (PoE++) ports quantity	8
Spanning tree protocol	✓	Power over Ethernet (PoE) power per port	30 W
Head-of-line (HOL) blocking	✓	Total Power over Ethernet (PoE) budget	500 W
VLAN support	✓		

Data transmission		Operational conditions	
Switching capacity *	128 Gbit/s	Operating temperature (T-T)	0 - 40 °C
Forwarding rate	95.23 Mpps	Storage temperature (T-T)	-40 - 70 °C
MAC address table *	16000 entries	Operating relative humidity (H-H)	10 - 90%
Store-and-forward	✓	Storage relative humidity (H-H)	5 - 90%
Jumbo frames support	✓	Heat dissipation	1658.78 BTU/h
Jumbo frames	9000	Weight & dimensions	
Packet buffer memory	12 MB	Width	440 mm
Security		Depth	330 mm
DHCP features	DHCP client, DHCP relay, DHCP server	Height	44 mm
Access Control List (ACL)	✓	Packaging content	
IGMP snooping	✓	Cables included	AC
MAC address filtering	✓	Quick start guide	✓
Static port security	✓	Certificates	
SSH/SSL support	✓	Certification	CE, FCC, RoHS



8885020620856



8885020620863

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: 04-DEC-2024. Prints or copies of Information are only valid on the printed Publication date