



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 802.3af/at 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	BPDUs 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	✓	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	128 Gbit/s		
Forwarding rate	95.23 Mpps		

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



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