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

- 8× Gigabit 802.af/at/bt PoE++ ports (Max 90 W PoE budget for each port)
- 16× 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++

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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

Switch type *	Managed
Switch layer	L2+
Quality of Service (QoS) support	✔
Web-based management	✔
Cloud-managed	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
System event log	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP+ module slots quantity	4
Console port	RJ-45/Micro-USB
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.3af, IEEE 802.3at
10G support *	✔
Port mirroring	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
VLAN support	✔

Security

BPDU filtering/protection	✔
IP-MAC-Port binding	✔
Authentication	Auto VLAN, Guest VLAN

Multicast features

Multicast support	✔

Design

Rack mounting *	✔
Form factor	1U
Product colour	Black
Reset button	✔
LED indicators	✔
Number of fans	3 fan(s)

Power

Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	486.2 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	16
Power over Ethernet 4PPoE (PoE++) ports quantity	8
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	500 W

Data transmission

Switching capacity *	128 Gbit/s
Forwarding rate	95.23 Mpps
MAC address table *	16000 entries
Store-and-forward	✔
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	12 MB

Security

DHCP features	DHCP client, DHCP relay, DHCP server
Access Control List (ACL)	✔
IGMP snooping	✔
MAC address filtering	✔
Static port security	✔
SSH/SSL support	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	1658.78 BTU/h

Weight & dimensions

Width	440 mm
Depth	330 mm
Height	44 mm

Packaging content

Cables included	AC
Quick start guide	✔

Certificates

Certification	CE, FCC, RoHS

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