



TP-Link Omada SG3452XMPP network switch Managed L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black



Brand : TP-Link

Product family: Omada

Product code: SG3452XMPP

Product name : SG3452XMPP

- 4x 10 Gbps SFP+ slots
- 8x Gigabit 802.af/at/bt PoE++ ports (Max 90 W PoE budget for each port)
- 40x Gigabit 802.3af/at PoE+ ports (Max 30 W budget for each port)
- 750 W total PoE budget*
- Centralized cloud management via the web or the Omada app†
- Standalone management via web, CLI, SNMP, and RMON

40x 10/100/1000 Mbps RJ45 PoE+, 4x 10G SFP+ Slots, 1x RJ45, 1x Micro-USB, 176 Gbps, MAC 16 K, 440 x 330 x 44 mm

TP-Link Omada SG3452XMPP. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48, Console port: RJ-45/Micro-USB. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE.... Power connector: AC-in jack. Power over Ethernet (PoE). Rack mounting, Form factor: 1U

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 *	48
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 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
10G support *	✓
Port mirroring	✓
Flow control support	✓
Link aggregation	✓
Broadcast storm control	✓
Rate limiting	✓

Security

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

Multicast features

Multicast support	✓
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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)	635.7 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✓
Power over Ethernet plus (PoE+) ports quantity	40
Power over Ethernet 4PPoE (PoE++) ports quantity	8
Power over Ethernet (PoE) power per port	30 W

Network		Power over Ethernet (PoE)	
Spanning tree protocol	✓	Total Power over Ethernet (PoE) budget	750 W
Head-of-line (HOL) blocking	✓	Operational conditions	
VLAN support	✓	Operating temperature (T-T)	0 - 40 °C
Data transmission		Storage temperature (T-T)	-40 - 70 °C
Switching capacity *	176 Gbit/s	Operating relative humidity (H-H)	10 - 90%
Forwarding rate	130.9 Mpps	Storage relative humidity (H-H)	5 - 90%
MAC address table *	16000 entries	Heat dissipation	2169.2 BTU/h
Store-and-forward	✓	Weight & dimensions	
Jumbo frames support	✓	Width	440 mm
Jumbo frames	9000	Depth	330 mm
Packet buffer memory	12 MB	Height	44 mm
Security		Packaging content	
DHCP features	DHCP client, DHCP relay, DHCP server	Cables included	AC
Access Control List (ACL)	✓	Quick start guide	✓
IGMP snooping	✓	Certificates	
MAC address filtering	✓	Certification	CE, FCC, RoHS
Static port security	✓		
SSH/SSL support	✓		



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Catalog Object Cloud



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