

## 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



- 4× 10 Gbps SFP+ slots

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

- 40× 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 appt

- 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  $\times$  330  $\times$  44 mm

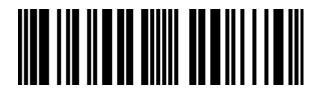
TP-Link Omada SG3452XMPP. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48, Console port: RJ-45/Micro-USB. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking 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

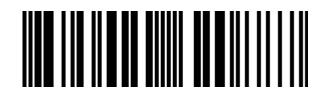




Management features		Security	
Switch type *     Managed       Switch layer     L2+       Quality of Service (QoS) support     ✓       Web-based management     ✓       Cloud-managed     ✓	L2+	BPDU filtering/protection IP-MAC-Port binding	🗸 V Auto VLAN, Guest VLAN
	( (	Multicast features	4
ARP inspection Configuring Location Settings (CLI)	4	Design	
System event log Ports & interfaces	4	Rack mounting * Form factor	✓ 1∪
Basic switching RJ-45 Ethernet ports quantity * Basic switching RJ-45 Ethernet ports type *		Product colour Reset button LED indicators Number of fans	Black ✓ ✓ 3 fan(s)
SFP+ module slots quantity Console port	4 RJ-45/Micro-USB	Power Power source *	AC
Power connector Network	AC-in jack	Power supply included * AC input voltage	✓ 100 - 240 V
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 ✓	AC input frequency Power consumption (max)	50/60 Hz 635.7 W
		Power over Ethernet (PoE)	,
10G support * Port mirroring		Power over Ethernet (PoE) * Power over Ethernet plus (PoE+) ports quantity	40
Flow control support Link aggregation		Power over Ethernet 4PPoE (PoE++) ports quantity	8
Broadcast storm control Rate limiting	4	Power over Ethernet (PoE) power per port	30 W
Spanning tree protocol Head-of-line (HOL) blocking		Total Power over Ethernet (PoE) budget	750 W
VLAN support	✓	Operational conditions	
Data transmission Switching capacity *	176 Gbit/s	Operating temperature (T-T) Storage temperature (T-T)	0 - 40 °C -40 - 70 °C

Data transmission		Operational conditions	
MAC address table * 1 Store-and-forward Jumbo frames support	130.9 Mpps 16000 entries ✓ ✓ 9000 12 MB	Operating relative humidity (H-H) Storage relative humidity (H-H) Heat dissipation	10 - 90% 5 - 90% 2169.2 BTU/h
		Weight & dimensions	
Jumbo frames Packet buffer memory		Width Depth	440 mm 330 mm
Security		Height	44 mm
DHCP features	DHCP client, DHCP relay, DHCP server ✓ ✓	Packaging content	
Access Control List (ACL)		Cables included	AC
IGMP snooping		Quick start guide	1
MAC address filtering		Certificates	
Static port security ✓ SSH/SSL support ✓	1	Certification	CE, FCC, RoHS





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