

## 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

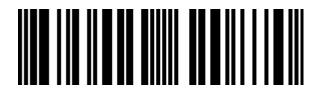
TP-Link Omada SG3452XMPP. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48, Console port: RJ-45/Micro-USB. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking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

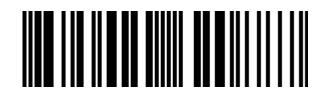




Management features		Security	
	Managed L2+ ✓	BPDU filtering/protection IP-MAC-Port binding Authentication	🗸 🖌 Auto VLAN, Guest VLAN
Web-based management	✓	Multicast features	
Cloud-managed ARP inspection		Multicast support	✓
Configuring Location Settings (CLI)	v V	Design	
System event log	✓	Rack mounting *	✓
Ports & interfaces		Form factor	10
Basic switching RJ-45 Ethernet ports quantity * Basic switching RJ-45 Ethernet ports		Product colour Reset button LED indicators	Black ✓ ✓
type *	Gigabit Ethernet (10/100/1000)	Number of fans	3 fan(s)
SFP+ module slots quantity	4	Certification	CE, FCC, RoHS
Console port	RJ-45/Micro-USB	Power	
Power connector	AC-in jack	Power source *	AC
Network		Power supply included *	1
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,	AC input voltage AC input frequency Power consumption (max)	100 - 240 V 50/60 Hz 635.7 W
	IEEE 802.3z	Power over Ethernet (PoE)	
10G support *		Power over Ethernet (PoE) *	<
Port mirroring Flow control support		Power over Ethernet plus (PoE+) ports quantity	40
Link aggregation Broadcast storm control		Power over Ethernet 4PPoE (PoE++) ports quantity	8
Rate limiting Spanning tree protocol		Power over Ethernet (PoE) power per port	30 W
Head-of-line (HOL) blocking VLAN support	4	Total Power over Ethernet (PoE) budget	750 W
Data transmission	•	Operational conditions	
Switching capacity *	176 Gbit/s	Operating temperature (T-T)	0 - 40 °C

Data transmission		Operational conditions	
Forwarding rate MAC address table * Store-and-forward Jumbo frames support	130.9 Mpps 16000 entries	Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Heat dissipation	-40 - 70 °C 10 - 90% 5 - 90% 2169.2 BTU/h
Jumbo frames Packet buffer memory	9000 12 MB	Weight & dimensions Width	440 mm
Security		Depth	330 mm
DHCP features	ess Control List (ACL) IP snooping C address filtering tic port security V Server	Height	44 mm
Access Control List (ACL)		Packaging data	
IGMP snooping MAC address filtering Static port security SSH/SSL support		Cables included Quick start guide	AC ✓





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