



TP-Link Omada SG3452X Managed L2+ Gigabit Ethernet (10/100/1000) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG3452X(UN)



Produktname : SG3452X

TP-Link Omada SG3452X. Switch-Typ: Managed, Switch-Ebene: L2+. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 48, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 176 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad. Netzstecker: AC-Eingangsbuchse. Rack-Einbau, Formfaktor: 1U

Management-Funktionen		Sicherheit	
Switch-Typ *	Managed	SSH-/SSL-Unterstützung	✓
Switch-Ebene	L2+	Loop Protection	✓
Quality of Service (QoS) Support	✓	BPDU-Filterung/Schutz	✓
Web-basiertes Management	✓	IP-MAC-Portbindung	✓
Cloud-verwaltet	✓	Authentifizierung	Auto VLAN, Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung
ARP-Inspektion	✓	Passwortschutz	✓
Konfiguration der Standorteinstellungen (CLI)	✓	Authentifizierungstyp	AAA, RADIUS, TACACS+
Systemereignisprotokoll	✓	Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)
MIB Unterstützung	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618,	Multicast-Funktionen	
Öffentliche MIB	✓	Multicast Unterstützung	✓
Huawei-eigene MIB	✓	Multicast Listener Discovery (MLD) Snooping	✓
Anschlüsse und Schnittstellen		Protokolle	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	48	Management-Protokolle	SNMPv1/v2c/v3, SNMP
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	GARP VLAN Registration Protocol (GVRP)	✓
Menge Modul-Steckplätze SFP+	4	IPv4 & IPv6-Funktionen	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer
Konsolen-Port	RJ-45/Micro-USB	Design	
Netzstecker	AC-Eingangsbuchse	Rack-Einbau *	✓
Netzwerk		Formfaktor	1U
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad	Produktfarbe	Schwarz
10G-Unterstützung *	✓	LED-Anzeigen	✓
Port-Spiegelung	✓	Anzahl Lüfter	0 Lüfter
Unterstützung Datenflusssteuerung	✓	Energie	
Link Aggregation	✓	Energiequelle *	AC
Broadcast-Sturmkontrolle	✓	Netzteil enthalten *	✓
Ratenbeschränkung	✓	AC Eingangsspannung	100 - 240 V
Spannbaum-Protokoll	✓	AC Eingangsfrequenz	50/60 Hz
Head-of-Line (HOL)-Blocking	✓	Stromverbrauch (max.)	32,72 W
IPv4-Routen	48	Power over Ethernet (PoE)	
IPv6-Routen	48	Power over Ethernet (PoE) *	✗
VLAN-Unterstützung	✓	Betriebsbedingungen	
Virtuelle LAN-Funktionen	Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN	Betriebstemperatur	0 - 45 °C

Netzwerk		Betriebsbedingungen	
Anzahl der VLANs	4000	Temperaturbereich bei Lagerung	-40 - 70 °C
Datenübertragung		Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Routing-/Switching-Kapazität *	176 Gbit/s	Luftfeuchtigkeit bei Lagerung	5 - 90%
Transferrate	130,9 Mpps	Wärmeableitung	111,65 BTU/h
MAC-Adressentabelle *	16000 Eintragungen	Gewicht und Abmessungen	
Statische Route	✓	Breite	440 mm
Anzahl der statischen Routen	48	Tiefe	220 mm
Jumbo Frames Unterstützung	✓	Höhe	44 mm
Jumbo-Frames	9000	Lieferumfang	
Datenpaket-Pufferspeicher	12 MB	Mitgelieferte Kabel	AC
Sicherheit		Schnellstartübersicht	✓
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server	Rackmontageset	✓
Zugriffkontrollliste	✓	Verpackungsdaten	
IGMP-Snooping	✓	Ablageschienen	✓
IGMP-Proxy	✓	Verpackungsart	Box
MAC Adressen Filtern	✓	Zertifikate	
Statische Anschlusssicherheit	✓	Zertifizierung	CE, FCC, RoHS

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