



TP-Link Omada SG3428X-M2 Managed L2+ 2.5G Ethernet (100/1000/2500) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG3428X-M2(UN)



Produktname : SG3428X-M2

TP-Link Omada SG3428X-M2. Switch-Typ: Managed, Switch-Ebene: L2+. Basic Switching RJ-45 Ethernet Ports-Typ: 2.5G Ethernet (100/1000/2500), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 200 Gbit/s. Netzstandard: IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Netzstecker: AC-Eingangsbuchse. Rack-Einbau, Formfaktor: 1U

Management-Funktionen		Sicherheit	
Switch-Typ *	Managed	IGMP-Snooping	✓
Switch-Ebene	L2+	SSH-/SSL-Unterstützung	✓
Quality of Service (QoS) Support	✓	Loop Protection	✓
Web-basiertes Management	✓	BPDU-Filterung/Schutz	✓
Cloud-verwaltet	✓	IP-MAC-Portbindung	✓
ARP-Inspektion	✓	Authentifizierung	Auto VLAN, Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Konfiguration der Standorteinstellungen (CLI)	✓	Authentifizierungstyp	AAA, RADIUS, TACACS+
Systemereignisprotokoll	✓	Multicast-Funktionen	
MIB Unterstützung	Yes	Multicast Unterstützung	✓
Anschlüsse und Schnittstellen		Multicast Listener Discovery (MLD) Snooping	✓
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24	Protokolle	
Basic Switching RJ-45 Ethernet Ports-Typ *	2.5G Ethernet (100/1000/2500)	Management-Protokolle	SNMP v1/v2c/v3, SNMP
Anzahl 2.5G Ethernet (Kupfer)-Ports	24	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	IPv4 FIB-Einträge	100
Netzstecker	AC-Eingangsbuchse	IPv6 FIB-Einträge	100
Netzwerk		Design	
Netzstandard *	IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	Rack-Einbau *	✓
10G-Unterstützung *	✓	Formfaktor	1U
Port-Spiegelung	✓	Produktfarbe	Schwarz
Richtlinienbasiertes Routing	✓	LED-Anzeigen	✓
Unterstützung Datenflusssteuerung	✓	Anzahl Lüfter	1 Lüfter
Link Aggregation	✓	Energie	
Broadcast-Sturmkontrolle	✓	Energiequelle *	AC
Ratenbeschränkung	✓	Netzteil enthalten *	✓
Spannbaum-Protokoll	✓	AC Eingangsspannung	100 - 240 V
Head-of-Line (HOL)-Blocking	✓	AC Eingangsfrequenz	50/60 Hz
Active-Link-Erfassung	✓	Stromverbrauch (max.)	45,1 W
IPv4-Routen	48	Power over Ethernet (PoE)	
IPv6-Routen	48	Power over Ethernet (PoE) *	✗
VLAN-Unterstützung	✓	Betriebsbedingungen	
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Betriebstemperatur	0 - 40 °C

Datenübertragung		Betriebsbedingungen	
Routing-/Switching-Kapazität *	200 Gbit/s	Temperaturbereich bei Lagerung	-40 - 70 °C
Transferrate	148,8 Mpps	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
MAC-Adressentabelle *	32000 Eintragungen	Luftfeuchtigkeit bei Lagerung	5 - 90%
Store-and-Forward	✓	Wärmeableitung	154,38 BTU/h
Statische Route	✓	Gewicht und Abmessungen	
Anzahl der statischen Routen	48	Breite	440 mm
Jumbo Frames Unterstützung	✓	Tiefe	180 mm
Jumbo-Frames	9000	Höhe	44 mm
Datenpaket-Pufferspeicher	16 MB	Lieferumfang	
Sicherheit		Mitgelieferte Kabel	LAN (RJ-45)
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Schnellstartübersicht	✓
Zugriffskontrollliste	✓	Zertifikate	
		Konformitätsbescheinigungen	CE, Eidgenössische Kommunikationskommission (FCC), RoHS
		Zertifizierung	CE, FCC, RoHS

Catalog Object Cloud



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