



TP-Link Omada SG3428X Netzwerk-Switch Managed L2+/L3 Gigabit Ethernet (10/100/1000) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG3428X

Produktname : SG3428X



TP-Link Omada SG3428X. Switch-Typ: Managed, Switch-Ebene: L2+/L3. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Konsolen-Port: RJ-45/micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 128 Gbit/s. Netzstandard: IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Netzstecker: AC-Eingangsbuchse. Rack-Einbau, Formfaktor: 1U

Management-Funktionen		Datenübertragung	
Switch-Typ *	Managed	Datenpaket-Pufferspeicher	12 MB
Switch-Ebene	L2+/L3	Sicherheit	
Quality of Service (QoS) Support	✓	DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Web-basiertes Management	✓	Zugriffkontrollliste	✓
Cloud-verwaltet	✓	IGMP-Snooping	✓
ARP-Inspektion	✓	SSH-/SSL-Unterstützung	✓
Konfiguration der Standorteinstellungen (CLI)	✓	Loop Protection	✓
Systemereignisprotokoll	✓	BPDU-Filterung/Schutz	✓
MIB Unterstützung	Yes	IP-MAC-Portbindung	✓
Anschlüsse und Schnittstellen		Authentifizierung	Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24	Authentifizierungstyp	AAA, RADIUS, TACACS+
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	Multicast-Funktionen	
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	24	Multicast Unterstützung	✓
Menge Modul-Steckplätze SFP+	4	Multicast Listener Discovery (MLD) Snooping	✓
Konsolen-Port	RJ-45/micro-USB	Protokolle	
Netzstecker	AC-Eingangsbuchse	Management-Protokolle	SNMPv1/v2c/v3, SNMP
Netzwerk		GARP VLAN Registration Protocol (GVRP)	✓
Netzstandard *	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	IPv4 & IPv6-Funktionen	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracerp
10G-Unterstützung *	✓	Design	
Port-Spiegelung	✓	Rack-Einbau *	✓
Richtlinienbasiertes Routing	✓	Formfaktor	1U
Unterstützung Datenflusssteuerung	✓	Produktfarbe	Schwarz
Link Aggregation	✓	LED-Anzeigen	✓
Broadcast-Sturmkontrolle	✓	Leistungen	
Ratenbeschränkung	✓	Ventilatorlos	✓
Spannbaum-Protokoll	✓	Energie	
Head-of-Line (HOL)-Blocking	✓	Energiequelle *	AC
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s	Netzteil enthalten *	✓
Active-Link-Erfassung	✓	AC Eingangsspannung	100 - 240 V
IPv4-Routen	48	AC Eingangsfrequenz	50/60 Hz
IPv6-Routen	48	Stromverbrauch (max.)	23,6 W
VLAN-Unterstützung	✓	Power over Ethernet (PoE)	
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✗
Anzahl der VLANs	4000		
Datenübertragung			
Routing-/Switching-Kapazität *	128 Gbit/s		
Transferrate	95,23 Mpps		
MAC-Adressentabelle *	16000 Eintragungen		

Datenübertragung		Betriebsbedingungen	
Store-and-Forward	✓	Betriebstemperatur	0 - 45 °C
Statische Route	✓	Temperaturbereich bei Lagerung	-40 - 70 °C
Anzahl der statischen Routen	48	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Jumbo Frames Unterstützung	✓	Luftfeuchtigkeit bei Lagerung	5 - 90%
Jumbo-Frames	9000	Wärmeableitung	80,52 BTU/h
		Gewicht und Abmessungen	
		Breite	440 mm
		Tiefe	180 mm
		Höhe	44 mm
		Verpackungsdaten	
		Mitgelieferte Kabel	LAN (RJ-45)
		Schnellstartübersicht	✓



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