TP-Link Omada SX3008F Netzwerk-Switch Managed L2/L3 Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SX3008F

Produktname : SX3008F



TP-Link Omada SX3008F. Switch-Typ: Managed, Switch-Ebene: L2/L3. Konsolen-Port: RJ-45/micro-USB. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 160 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x. Netzstecker: DC-Anschluss. Rack-Einbau

Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2/L3
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
Traffic-Klassifizierung	✔
ARP-Inspektion	✔
Konfiguration der Standorteinstellungen (CLI)	✔
Systemereignisprotokoll	✔
MIB Unterstützung	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213

Anschlüsse und Schnittstellen	
Basic Switching RJ-45 Ethernet Ports-Typ *	✘
Menge Modul-Steckplätze SFP+	8
Konsolen-Port	RJ-45/micro-USB
Netzstecker	DC-Anschluss

Netzwerk	
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x
10G-Unterstützung *	✔
Port-Spiegelung	✔
IP-Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
Head-of-Line (HOL)-Blocking	✔
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Voice VLAN
Anzahl der VLANs	4000

Sicherheit	
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
Loop Protection	✔
BPDU-Filterung/Schutz	✔
IP-MAC-Portbindung	✔
Authentifizierung	Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung, Webbasierte Authentifizierung
Autentifizierungstyp	AAA, TACACS+
Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast-Funktionen	
Multicast Unterstützung	✔
Multicast Listener Discovery (MLD) Snooping	✔

Protokolle	
Management-Protokolle	SNMPv1/v2c/v3, SNTP
IPv4 & IPv6-Funktionen	IPv6 Telnet, IPv6 ping, IPv6 tracert

Design	
Rack-Einbau *	✔
Produktfarbe	Schwarz
LED-Anzeigen	✔

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	220 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	15,46 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Betriebsbedingungen	
Betriebstemperatur	0 - 45 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	52,75 BTU/h

Datenübertragung	
Routing-/Switching-Kapazität *	160 Gbit/s
Transferrate	119,04 Mpps
MAC-Adressentabelle *	32000 Eintragungen
Anzahl Queues	8
Statische Route	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	16 MB

Sicherheit	
DHCP-Funktionen	DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	HTTPS, SSH, SSH-2, SSL/TLS
MAC Adressen Filtern	✔

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	180 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	AC
Schnellstartübersicht	✔
Betriebsanleitung	✔
Rackmontageset	✔

Verpackungsdaten	
Verpackungsart	Box

Zertifikate	
Zertifizierung	CE, FCC, RoHS

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Catalog Object Cloud

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