TP-Link Omada 32-Port 10GE L2+ Managed Switch with 24-Port PoE++





Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SX3832MPP

Produktname : Omada 32-Port 10GE L2+ Managed Switch with 24-Port PoE++

24×RJ45 10Gbps PoE++, 8× 1/10G SFP+, RJ45/USB-C Console, 640 Gbps, 32K MAC, 9KB Jumbo, 440 × 330 × 44 mm

TP-Link Omada 32-Port 10GE L2+ Managed Switch with 24-Port PoE++:

Omada 32-Port 10GE L2+ Managed Switch mit 24-Port PoE++

- 24× 10 Gbps PoE++ RJ45-Ports
- 8× 10 Gbps SFP+-Slots
- 770 W Gesamt-PoE-Budget mit bis zu 90 W pro Port
- Zentralisierte Verwaltung
- Omada App
- Zero-Touch Provisioning
- Ethernet Ring Schutzumschaltung
- Statisches Routing

Software Defined Networking (SDN) mit Cloud-Zugriff
Verwalten Sie Ihre Access Points, Switches und Gateways aus der Ferne über mehrere Standorte hinweg, alles über eine einzige Schnittstelle.

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

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24
Basic Switching RJ-45 Ethernet Ports-Typ *	10G Ethernet (100/1000/10000)
Fast Ethernet (Kupfer)-Anschlüsse	24
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	24
Anzahl 2.5G Ethernet (Kupfer)-Ports	24
Anzahl 10G Ethernet (Kupfer)-Ports	24
Anzahl installierte SFP Module *	8
Konsolen-Port	RJ-45/USB Type-C

Sicherheit	
Warteschleifenplanungs-Algorithmen	Strict Priority Queue (SPQ), WRR+SP, Weighted Round Robin (WRR)

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

Protokolle	
Device Link Detection Protokoll (DLDP)	✔
IPv4 & IPv6-Funktionen	Dual stack IPv4/IPv6, IPv6 SNMP, IPv6 SSH, IPv6 TFTP, IPv6 Telnet, IPv6 ping, IPv6 tracert

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Formfaktor	DIN rail
Produktfarbe	Schwarz
Gehäusematerial	Metall
LED-Anzeigen	✔
Anzahl Lüfter	4 Lüfter

Leistungen	
Upgradefähige Firmware	✔
Ventilatorlos	✘
Mindestsystemvoraussetzungen	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® or Linux.

Netzwerk	
Netzstandard *	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1af, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3x
10G-Unterstützung *	✔
Port-Spiegelung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Auto MDI/MDI-X	✔
Spannbaum-Protokoll	✔
Auto-Negotiation-Funktion	✔
Ethernet Ring Protection Switching (ERPS)	✔
Adressauflösung Protokoll (ARP) Einträge (max.)	510
IPv4-Routen	48
IPv6-Routen	48
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MVRP, Private VLAN, SSID-based VLAN assignment, VLAN Identifier (VLAN ID), Voice VLAN
Anzahl der VLANs	4000

Datenübertragung	
Routing-/Switching-Kapazität *	640 Gbit/s
Transferrate	240 Mpps
MAC-Adressentabelle *	32000 Eintragungen
Anzahl Queues	8
Statische Route	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9
Datenpaket-Pufferspeicher	24 MB

Sicherheit	
DHCP-Funktionen	DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSL/TLS
Statische Anschlusssicherheit	✔
Authentifizierung	Gast VLAN
DoS Attacken Prävention	✔
Autentifizierungstyp	AAA, RADIUS, TACACS+
CPU-Verteidigung	✔

Energie	
Energiequelle *	AC
Netzteil enthalten *	✘
AC Eingangsspannung	110 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (Standardbetrieb)	953,7 W
Stromverbrauch (max.)	1010,2 W
Energiesparmodus (EEE)	✔

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Anzahl der Power over Ethernet 4PPoE- (PoE++) Anschlüsse	24
Power over Ethernet (PoE) Leistung pro Anschluss	90 W
Gesamtleistung Power over Ethernet (PoE)	770 W

Sonstige Funktionen	
Verpackungsinhalt	Console Cable

Betriebsbedingungen	
Betriebstemperatur	-5 - 45 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	3444,7 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	330 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	Leistung
Schnellstartübersicht	✔
Rackmontageset	✔

Verpackungsdaten	
Montageblöcke enthalten	✔
Gummifüße	✔
Schrauben enthalten	✔

Nachhaltigkeit	
Nachhaltigkeitsorganisationen	Verantwortlichkeit

Zertifikate	
Konformitätsbescheinigungen	CE, Eidgenössische Kommunikationskommission (FCC), RoHS

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Catalog Object Cloud

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