



TP-Link JetStream TL-SG3428XPP-M2 Netzwerk-Switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link

Produktfamilie: JetStream

Artikel-Code: TL-SG3428XPP-M2



Produktname : TL-SG3428XPP-M2

TP-Link JetStream TL-SG3428XPP-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. Vollduplex. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 200 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U



| Management-Funktionen | | Sicherheit | |
|--|---|---|--|
| Switch-Typ * | Managed | Passwortschutz | ✓ |
| Switch-Ebene | L2+ | Authentifizierungstyp | AAA, IEEE 802.1x, RADIUS, TACACS+ |
| Quality of Service (QoS) Support | ✓ | Warteschleifenplanungs-Algorithmen | SP, WRR+SP, Weighted Round Robin (WRR) |
| Web-basiertes Management | ✓ | Multicast-Funktionen | |
| Cloud-verwaltet | ✓ | Multicast Unterstützung | ✓ |
| ARP-Inspektion | ✓ | Multicast Listener Discovery (MLD) Snooping | MLD v1/v2 |
| Konfiguration der Standorteinstellungen (CLI) | ✓ | Protokolle | |
| Systemereignisprotokoll | ✓ | Management-Protokolle | SNMP v1/v2c/v3 |
| MIB Unterstützung | RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925 | GARP VLAN Registration Protocol (GVRP) | ✓ |
| Anschlüsse und Schnittstellen | | IPv4 & IPv6-Funktionen | IPv4/IPv6 access-control list (ACL), IPv6 ping, IPv6 portal, IPv6 traceret |
| Anzahl der basisschaltenden RJ-45 Ethernet Ports * | 24 | Design | |
| Basic Switching RJ-45 Ethernet Ports-Typ * | 2.5G Ethernet (100/1000/2500) | Rack-Einbau * | ✓ |
| Anzahl 2.5G Ethernet (Kupfer)-Ports | 24 | Formfaktor | 1U |
| Menge Modul-Steckplätze SFP+ | 4 | Produktfarbe | Schwarz |
| Konsolen-Port | RJ-45/Micro-USB | LED-Anzeigen | ✓ |
| Netzwerk | | Ungenutzter Lüfter-Support | ✓ |
| Netzstandard * | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z | Anzahl Lüfter | 3 Lüfter |
| 10G-Unterstützung * | ✓ | Leistungen | |
| Port-Spiegelung | ✓ | Speichertyp | DRAM |
| Vollduplex | ✓ | Speicherkapazität | 256 MB |
| Halb-Duplex | ✓ | Flash-Speicher | 32 MB |
| Unterstützung Datenflusssteuerung | ✓ | Technische Details | |
| | | Konformitätsbescheinigungen | CE, Eidgenössische Kommunikationskommission (FCC), RoHS |
| | | Energie | |
| | | Energiequelle * | AC/PoE |

| Netzwerk | | Energie | |
|-------------------------------------|---|--|---------------|
| Link Aggregation | ✓ | Netzteil enthalten * | ✓ |
| Broadcast-Sturmkontrolle | ✓ | Unterstützung für redundantes Netzteil | ✓ |
| Ratenbeschränkung | ✓ | AC Eingangsspannung | 100 - 240 V |
| Spannbaum-Protokoll | ✓ | AC Eingangsfrequenz | 50/60 Hz |
| Head-of-Line (HOL)-Blocking | ✓ | Stromverbrauch (max.) | 629,1 W |
| Ethernet LAN Datentransferraten | 10,100,1000,2500,10000 Mbit/s | Power over Ethernet (PoE) | |
| IPv4-Routen | 48 | Power over Ethernet (PoE) * | ✓ |
| IPv6-Routen | 48 | Anzahl Power over Ethernet plus (PoE+) Anschlüsse | 16 |
| VLAN-Unterstützung | ✓ | Anzahl der Power over Ethernet 4PPoE- (PoE++) Anschlüsse | 8 |
| Virtuelle LAN-Funktionen | MAC address-based VLAN, Port-based VLAN, Protocol-based VLAN, Stacked VLAN, Tagged VLAN, Voice VLAN | Gesamtleistung Power over Ethernet (PoE) | 500 W |
| Datenübertragung | | Betriebsbedingungen | |
| Routing-/Switching-Kapazität * | 200 Gbit/s | Betriebstemperatur | 0 - 40 °C |
| Transferrate | 148,8 Mpps | Temperaturbereich bei Lagerung | -40 - 70 °C |
| MAC-Adressentabelle * | 32000 Eintragungen | Relative Luftfeuchtigkeit in Betrieb | 10 - 90% |
| Store-and-Forward | ✓ | Luftfeuchtigkeit bei Lagerung | 5 - 90% |
| Anzahl Queues | 8 | Wärmeableitung | 2153,45 BTU/h |
| Statische Route | ✓ | Gewicht und Abmessungen | |
| Anzahl der statischen Routen | 48 | Breite | 440 mm |
| Anzahl IP-Schnittstellen | 32 | Tiefe | 330 mm |
| Jumbo Frames Unterstützung | ✓ | Höhe | 44 mm |
| Jumbo-Frames | 9000 | Verpackungsdaten | |
| Datenpaket-Pufferspeicher | 16 MB | Mitgelieferte Kabel | AC |
| Sicherheit | | Schnellstartübersicht | ✓ |
| DHCP-Funktionen | DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping | Rackmontageset | ✓ |
| Zugriffkontrollliste | ✓ | Verpackungsbreite | 528 mm |
| IGMP-Snooping | ✓ | Verpackungstiefe | 440 mm |
| Unterstützte Sicherheitsalgorithmen | HTTPS, SSH, SSH-2, SSL/TLS | Verpackungshöhe | 100 mm |
| Statische Anschlusssicherheit | ✓ | Paketgewicht | 6,1 kg |
| SSH-/SSL-Unterstützung | ✓ | Nachhaltigkeit | |
| Loop Protection | ✓ | Nachhaltigkeitskonformität | ✓ |
| BPDU-Filterung/Schutz | ✓ | | |
| IP-MAC-Portbindung | ✓ | | |
| Authentifizierung | Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung | | |



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Publication date: 12-AUG-2024. Prints or copies of Information are only valid on the printed Publication date