



## TP-Link SG5428XF Netzwerk-Switch Managed L3 Schwarz

**Marke :** TP-Link

**Artikel-Code:** SG5428XF

**Produktname :** SG5428XF



TP-Link SG5428XF. Switch-Typ: Managed, Switch-Ebene: L3. Konsolen-Port: RJ-45/USB Type-C. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 128 Gbit/s. Netzstandard: IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3az, IEEE 802.3x. Rack-Einbau



| Management-Funktionen             |                                                                                              | Sicherheit                                  |                           |
|-----------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------|
| Switch-Typ *                      | Managed                                                                                      | IP-MAC-Portbindung                          | ✓                         |
| Switch-Ebene                      | L3                                                                                           | Authentifizierung                           | Gast VLAN                 |
| Quality of Service (QoS) Support  | ✓                                                                                            | Authentifizierungstyp                       | AAA, TACACS+              |
| Web-basiertes Management          | ✓                                                                                            | Multicast-Funktionen                        |                           |
| ARP-Inspektion                    | ✓                                                                                            | Multicast Listener Discovery (MLD) Snooping | Yes                       |
| Anschlüsse und Schnittstellen     |                                                                                              | Protokolle                                  |                           |
| Anzahl Combo-SPF-Anschlüsse       | 4                                                                                            | GARP VLAN Registration Protocol (GVRP)      | ✓                         |
| Menge SFP-Modul-Steckplätze       | 20                                                                                           | Router Protokoll                            | OSPF, OSPFv2, OSPFv3, RIP |
| Menge Modul-Steckplätze SFP+      | 4                                                                                            | Design                                      |                           |
| Anzahl der USB Typ-A-Anschlüsse   | 1                                                                                            | Rack-Einbau *                               | ✓                         |
| Anzahl Faseranschlüsse            | 4                                                                                            | Stapelbar *                                 | ✓                         |
| Optischer Kabelverbinder          | SFP                                                                                          | Produktfarbe                                | Schwarz                   |
| Konsolen-Port                     | RJ-45/USB Type-C                                                                             | Anzahl Lüfter                               | 1 Lüfter                  |
| Netzwerk                          |                                                                                              | Energie                                     |                           |
| Netzstandard *                    | IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3az, IEEE 802.3x | Energiequelle *                             | AC                        |
| Port-Spiegelung                   | ✓                                                                                            | AC Eingangsspannung                         | 100 - 240 V               |
| Unterstützung Datenflusssteuerung | ✓                                                                                            | AC Eingangsfrequenz                         | 50/60 Hz                  |
| Link Aggregation                  | ✓                                                                                            | Stromverbrauch (Standardbetrieb)            | 28,3 W                    |
| Broadcast-Sturmkontrolle          | ✓                                                                                            | Stromverbrauch (max.)                       | 28,98 W                   |
| Ratenbeschränkung                 | ✓                                                                                            | Betriebsbedingungen                         |                           |
| Spannbaum-Protokoll               | ✓                                                                                            | Betriebstemperatur                          | -5 - 45 °C                |
| VLAN-Unterstützung                | ✓                                                                                            | Temperaturbereich bei Lagerung              | -40 - 70 °C               |
| Virtuelle LAN-Funktionen          | Management VLAN, Multicast VLAN, Private VLAN, Tagged VLAN, Voice VLAN                       | Relative Luftfeuchtigkeit in Betrieb        | 10 - 90%                  |
|                                   |                                                                                              | Luftfeuchtigkeit bei Lagerung               | 5 - 90%                   |
|                                   |                                                                                              | Wärmeableitung                              | 98,822 BTU/h              |

| Datenübertragung                    |                                                         | Gewicht und Abmessungen |        |
|-------------------------------------|---------------------------------------------------------|-------------------------|--------|
| Routing-/Switching-Kapazität *      | 128 Gbit/s                                              | Breite                  | 440 mm |
| MAC-Adressentabelle *               | 16000 Eintragungen                                      | Tiefe                   | 220 mm |
| Anzahl Queues                       | 8                                                       | Höhe                    | 44 mm  |
| Jumbo Frames Unterstützung          | ✓                                                       | Lieferumfang            |        |
| Jumbo-Frames                        | 9000                                                    | Mitgelieferte Kabel     | AC     |
| Datenpaket-Pufferspeicher           | 12 MB                                                   | Schnellstartübersicht   | ✓      |
| Sicherheit                          |                                                         | Rackmontageset          | ✓      |
| DHCP-Funktionen                     | DHCP relay, DHCP server, DHCP snooping, DHCPv6 snooping |                         |        |
| IGMP-Snooping                       | ✓                                                       |                         |        |
| Unterstützte Sicherheitsalgorithmen | SNMP, SNMPv2, SNMPv3                                    |                         |        |



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### Catalog Object Cloud



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