# TP-Link Omada ES228GMP Netzwerk-Switch Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Schwarz

**Marke :** TP-Link **Produktfamilie:** Omada **Artikel-Code:** ES228GMP

**Produktname :** ES228GMP



TP-Link Omada ES228GMP. Switch-Typ: Managed, Switch-Ebene: L2. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 26. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 56 Gbit/s. Netzstandard: IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i,.... Power over Ethernet (PoE). Rack-Einbau



| Management-Funktionen | |
|---|---|
| Switch-Typ * | Managed |
| Switch-Ebene | L2 |
| Quality of Service (QoS) Support | ✔ |
| Web-basiertes Management | ✔ |
| Cloud-verwaltet | ✔ |
| Einheitliche statische Konfiguration | ✔ |
| **Anschlüsse und Schnittstellen** | |
| Anzahl der basisschaltenden RJ-45 Ethernet Ports * | 26 |
| Basic Switching RJ-45 Ethernet Ports-Typ * | Gigabit Ethernet (10/100/1000) |
| Anzahl Gigabit Ethernet (Kupfer) Anschlüsse | 26 |
| Menge SFP-Modul-Steckplätze | 2 |
| **Netzwerk** | |
| Netzstandard * | IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z |
| 10G-Unterstützung * | ✘ |
| Kupfer Ethernet Verkabelungstechnologie | 10BASE-T, 100BASE-X, 1000BASE-T, 1000BASE-X |
| Port-Spiegelung | ✔ |
| Unterstützung Datenflusssteuerung | ✔ |
| Link Aggregation | ✔ |
| Broadcast-Sturmkontrolle | ✔ |
| Auto MDI/MDI-X | ✔ |
| Ethernet LAN Datentransferraten | 10,100,1000 Mbit/s |

| Design | |
|---|---|
| Produktfarbe | Schwarz |
| Gehäusematerial | Metall |
| LED-Anzeigen | ✔ |
| Anzahl Lüfter | 2 Lüfter |
| **Leistungen** | |
| Flash-Speicher | 64 MB |
| Geräuschpegel | 46,2 dB |
| Upgradefähige Firmware | ✔ |
| Ventilatorlos | ✘ |
| Mittlere Betriebsdauer zwischen Ausfällen (MTBF) | 224143 h |
| **Energie** | |
| Energiequelle * | AC |
| Netzteil enthalten * | ✔ |
| AC Eingangsspannung | 100 - 240 V |
| AC Eingangsfrequenz | 50/60 Hz |
| Stromverbrauch (max.) | 454,8 W |
| Druckanstiegsschutz | ✔ |
| Druckanstieg-Schutzspannung | 6 kV |
| **Power over Ethernet (PoE)** | |
| Power over Ethernet (PoE) * | ✔ |
| Power-over-Ethernet (PoE)-Typ unterstützt | PoE+ |
| Anzahl Power over Ethernet plus (PoE+) Anschlüsse | 24 |
| Power over Ethernet (PoE) Leistung pro Anschluss | 30 W |

| Netzwerk | |
|---|---|
| Schneller Abschied | ✔ |
| VLAN-Unterstützung | ✔ |
| Virtuelle LAN-Funktionen | MTU VLAN, Port-based VLAN, Tagged VLAN |
| Anzahl der VLANs | 32 |

| Datenübertragung | |
|---|---|
| Routing-/Switching-Kapazität * | 56 Gbit/s |
| Transferrate | 41,66 Mpps |
| MAC-Adressentabelle * | 8000 Eintragungen |
| Store-and-Forward | ✔ |
| Jumbo Frames Unterstützung | ✔ |
| Jumbo-Frames | 15000 |
| Datenpaket-Pufferspeicher | 4 MB |

| Sicherheit | |
|---|---|
| DHCP-Funktionen | DHCP client |
| IGMP-Snooping | ✔ |
| Warteschleifenplanungs-Algorithmen | Weighted Round Robin (WRR) |

| Multicast-Funktionen | |
|---|---|
| Multicast Unterstützung | ✔ |

| Design | |
|---|---|
| Rack-Einbau * | ✔ |

| Power over Ethernet (PoE) | |
|---|---|
| Gesamtleistung Power over Ethernet (PoE) | 384 W |

| Betriebsbedingungen | |
|---|---|
| Betriebstemperatur | -5 - 45 °C |
| Temperaturbereich bei Lagerung | -40 - 70 °C |
| Relative Luftfeuchtigkeit in Betrieb | 10 - 90% |
| Luftfeuchtigkeit bei Lagerung | 5 - 90% |
| Wärmeableitung | 1546,15 BTU/h |

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

| Lieferumfang | |
|---|---|
| Mitgelieferte Kabel | AC |
| Schnellstartübersicht | ✔ |
| Betriebsanleitung | ✔ |
| Rackmontageset | ✔ |

| Zertifikate | |
|---|---|
| Konformitätsbescheinigungen | CE, Eidgenössische Kommunikationskommission (FCC), RoHS |
| Zertifizierung | FCC, CE, RoHS |



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**Catalog Object Cloud**



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