TP-Link Omada ES220GMP Netzwerk-Switch Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Schwarz





Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** ES220GMP

Produktname : ES220GMP

TP-Link Omada ES220GMP. 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: 18. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 40 Gbit/s. Netzstandard: IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE.... Netzstecker: AC-Eingangsbuchse. 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 *	18
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	18
Menge SFP-Modul-Steckplätze	2
Netzstecker	AC-Eingangsbuchse

Netzwerk	
Netzstandard *	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G-Unterstützung *	✘
Zero touch provisioning (ZTP)	✔
Port-Spiegelung	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Auto MDI/MDI-X	✔
Auto-Negotiation-Funktion	✔
Schneller Abschied	✔
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MTU VLAN, Port-based VLAN, Tagged VLAN
Anzahl der VLANs	32

Datenübertragung	
Routing-/Switching-Kapazität *	40 Gbit/s
Transferrate	29,76 Mpps
MAC-Adressentabelle *	8000 Eintragungen
Store-and-Forward	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	15000
Datenpaket-Pufferspeicher	4 MB

Design	
Stapelbar *	✘
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	2 Lüfter

Leistungen	
Flash-Speicher	64 MB
Geräuschpegel	41,5 dB
Upgradefähige Firmware	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	310550,7 h

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	289,7 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	16
Power over Ethernet (PoE) Leistung pro Anschluss	30 W
Gesamtleistung Power over Ethernet (PoE)	250 W

Betriebsbedingungen	
Betriebstemperatur	-5 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	984,88 BTU/h

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

Lieferumfang	
Mitgelieferte Kabel	AC
Benutzerhandbuch	✔

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

Design	
Rack-Einbau *	✔

Lieferumfang	
Rackmontageset	✔

Verpackungsdaten	
Verpackungsart	Box

Zertifikate	
Konformitätsbescheinigungen	CE, Eidgenössische Kommunikationskommission (FCC), RoHS

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