TP-Link Omada SG6428XHP Netzwerk-Switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG6428XHP

Produktname : SG6428XHP



TP-Link Omada SG6428XHP. Switch-Typ: Managed, Switch-Ebene: L3. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Anzahl USB 2.0 Anschlüsse: 2, Konsolen-Port: RJ-45/USB Type-C. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 128 Gbit/s. Netzstandard: IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U



Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L3
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔
Konfiguration der Standorteinstellungen (CLI)	✔
Systemereignisprotokoll	✔

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)
Menge Modul-Steckplätze SFP+	4
Konsolen-Port	RJ-45/USB Type-C
Anzahl USB 2.0 Anschlüsse	2

Netzwerk	
Netzstandard *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x
10G-Unterstützung *	✘
Port-Spiegelung	✔
IP-Routing	✔
Unterstützung Datenflusssteuerung	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔

Sicherheit	
IGMP-Snooping	✔
IGMP-Einträge	2048
SSH-/SSL-Unterstützung	✔
Loop Protection	✔
Authentifizierung	Auto VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Autentifizierungstyp	RADIUS

Multicast-Funktionen	
Multicast Unterstützung	✔

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	4 Lüfter

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	916,4 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔

Netzwerk	
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MAC address-based VLAN, Multicast VLAN, Private VLAN, Voice VLAN
Anzahl der VLANs	4000

Datenübertragung	
Routing-/Switching-Kapazität *	128 Gbit/s
Transferrate	95,2 Mpps
MAC-Adressentabelle *	32000 Eintragungen
Statische Route	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	3 MB

Sicherheit	
DHCP-Funktionen	DHCP relay, DHCP snooping, DHCPv6 snooping
Zugriffkontrollliste	✔

Power over Ethernet (PoE)	
Anzahl Power over Ethernet plus (PoE+) Anschlüsse	24
Power over Ethernet (PoE) Leistung pro Anschluss	30 W
Gesamtleistung Power over Ethernet (PoE)	720 W

Betriebsbedingungen	
Betriebstemperatur	-5 - 40 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	3125,61 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	420 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	AC, LAN (RJ-45)
Betriebsanleitung	✔

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