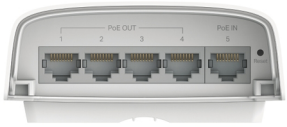
TP-Link Omada SG2005P-PD Netzwerk-Switch Managed L2/L2+ 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) Desktop Weiß



Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG2005P-PD

Produktname : SG2005P-PD

TP-Link Omada SG2005P-PD. Switch-Typ: Managed, Switch-Ebene: L2/L2+. Basic Switching RJ-45 Ethernet Ports-Typ: 10G Ethernet (100/1000/10000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 4. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 10 Gbit/s. Netzstandard: IEEE 802.11d, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Formfaktor: Desktop



Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2/L2+
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔
MIB Unterstützung	✔

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	4
Basic Switching RJ-45 Ethernet Ports-Typ *	10G Ethernet (100/1000/10000)
Anzahl 10G Ethernet (Kupfer)-Ports	4

Netzwerk	
Netzstandard *	IEEE 802.11d, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
10G-Unterstützung *	✔
Kupfer Ethernet Verkabelungstechnologie	10BASE-T, 100BASE-TX, 100BASE-T
unterstütze Kabeltypen	Cat5, Cat5e
Port-Spiegelung	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Spannbaum-Protokoll	✔
IPv4-Routen	32

Sicherheit	
Unterstützte Sicherheitsalgorithmen	802.1x RADIUS
MAC Adressen Filtern	✔
IP-MAC-Portbindung	✔
Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Passwortschutz	✔

Multicast-Funktionen	
Multicast Unterstützung	✔
Multicast MAC-Adresstabelle	8000 Eintragungen
IPv4 Multicast-Einträge	511
IPv6 Multicast-Einträge	511

Protokolle	
IPv4 & IPv6-Funktionen	Dual stack IPv4/IPv6, IPv4/IPv6 access-control list (ACL), IPv6 tracert

Design	
Rack-Einbau *	✘
Stapelbar *	✘
Formfaktor	Desktop
Produktfarbe	Weiß
LED-Anzeigen	✔

Energie	
Energiequelle *	DC/PoE
Netzteil enthalten *	✔
Stromverbrauch (Standardbetrieb)	71,5 W

Netzwerk	
IPv6-Routen	32
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Voice VLAN
Anzahl der VLANs	4000

Datenübertragung	
Routing-/Switching-Kapazität *	10 Gbit/s
MAC-Adressentabelle *	8000 Eintragungen
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9
Paketweiterleitungsrate (1 Gbit/s)	7440 pps
Datenpaket-Pufferspeicher	4,1 MB

Sicherheit	
DHCP-Funktionen	DHCP relay, DHCP server
Zugriffkontrollliste	✔
Zugriffskontrollliste (ACL) IPv4-Einträge	32
IGMP-Snooping	✔

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power over Ethernet (PoE) Leistung pro Anschluss	64 W

Betriebsbedingungen	
Betriebstemperatur	-40 - 60 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	243,99 BTU/h

Gewicht und Abmessungen	
Breite	170 mm
Tiefe	100 mm
Höhe	38,5 mm

Nachhaltigkeit	
Nachhaltigkeitskonformität	✔

Zertifikate	
Konformitätsbescheinigungen	CE, RoHS

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Catalog Object Cloud

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Publication date: 03-OCT-2026. Prints or copies of Information are only valid on the printed Publication date