



TP-Link Omada SG5452X(UN) Netzwerk-Switch Managed L3 Gigabit Ethernet (10/100/1000) Schwarz



Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG5452X(UN)

Produktname : SG5452X(UN)

TP-Link Omada SG5452X(UN). 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: 48, Anzahl
USB 2.0 Anschlüsse: 1, Konsolen-Port: RJ-45. MAC-Adressentabelle: 16000 Eintragungen, Routing-
/Switching-Kapazität: 176 Gbit/s. Netzstandard: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt. Rack-Einbau

Management-Funktionen		Design	
Switch-Typ *	Managed	Rack-Einbau *	✓
Switch-Ebene	L3	Stapelbar *	✓
Quality of Service (QoS) Support	✓	Produktfarbe	Schwarz
Web-basiertes Management	✓	LED-Anzeigen	✓
Cloud-verwaltet	✓	Leistungen	
ARP-Inspektion	✓	Physisches Stacking (Einheiten)	4
Anschlüsse und Schnittstellen		Eingebauter Prozessor	✓
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	48	Prozessorhersteller	ARM
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	Prozessortaktfrequenz	1200 MHz
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	48	Speichertyp	DRAM
Menge Modul-Steckplätze SFP+	4	Speicherkapazität	2000 MB
USB Typ-C Anzahl Anschlüsse	1	Flash-Speicher	512 MB
Konsolen-Port	RJ-45	Upgradefähige Firmware	✓
Anzahl USB 2.0 Anschlüsse	1	Telnet	✓
Netzwerk		Ventilatorlos	✓
Netzstandard *	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	211,644 h
10G-Unterstützung *	✓	Energie	
Port-Spiegelung	✓	Energiequelle *	AC
Link Aggregation	✓	Netzteil enthalten *	✓
Broadcast-Sturmkontrolle	✓	AC Eingangsspannung	100 - 240 V
VLAN-Unterstützung	✓	AC Eingangsfrequenz	50/60 Hz
Virtuelle LAN-Funktionen	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN	Stromverbrauch (max.)	34,1 W
Anzahl der VLANs	4000	Druckanstiegsschutz	✓
Datenübertragung		Druckanstieg-Schutzspannung	6 kV
Routing-/Switching-Kapazität *	176 Gbit/s	Power over Ethernet (PoE)	
Transferrate	130,94 Mpps	Power over Ethernet (PoE) *	✗
MAC-Adressentabelle *	16000 Eintragungen	Sonstige Funktionen	
Store-and-Forward	✓	Führungsebene	4
Jumbo Frames Unterstützung	✓	Bandbreite	88 Gbit/s
Jumbo-Frames	9000	Betriebsbedingungen	
Datenpaket-Pufferspeicher	12 MB	Betriebstemperatur	-5 - 45 °C
Sicherheit		Temperaturbereich bei Lagerung	-40 - 70 °C
DHCP-Funktionen	DHCP relay, DHCP server	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Zugriffskontrollliste	✓	Luftfeuchtigkeit bei Lagerung	5 - 90%
IGMP-Snooping	✓	Wärmeableitung	116,42 BTU/h
Unterstützte Sicherheitsalgorithmen	SNMP, SNMPv2, SNMPv3	Gewicht und Abmessungen	
		Breite	440 mm
		Tiefe	220 mm
		Höhe	44 mm

Sicherheit		Lieferumfang	
MAC Adressen Filtern	✓	Mitgelieferte Kabel	AC
Statische Anschlusssicherheit	✓	Schnellstartübersicht	✓
SSH-/SSL-Unterstützung	✓	Rackmontageset	✓
IP-MAC-Portbindung	✓	Zertifikate	
Passwortschutz	✓		
Multicast-Funktionen		Konformitätsbescheinigungen	CE, Eidgenössische Kommunikationskommission (FCC), RoHS
Multicast Unterstützung	✓		

Catalog Object Cloud



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