TP-Link Omada TL-SG2428P Menažirani L2/L2+ Gigabit Ethernet (10/100/1000) Napajanje preko LAN-a (PoE) 1U Crno

Brand : TP-Link **Product family:** Omada **Product code:** SG2428P

Product name : TL-SG2428P



TP-Link Omada TL-SG2428P. Tip komutatora: Menažirani, Sloj na kome svič radi: L2/L2+. Tip osnovnih RJ-45 portova Eternet komutatora: Gigabit Ethernet (10/100/1000), Broj osnovnih RJ-45 portova Eternet komutatora: 24, Broj instaliranih SFP modula: 24. Veličina adresne tabele: 8000 ulazi, Kapacitet razvodnika: 56 Gbit/s. Mrežni standard: IEEE 802.3az, IEEE 802.1p, IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Napajanje preko LAN-a (PoE). Montaža na stalak, Standard veličine: 1U

Funkcije za upravljanje	
Tip komutatora *	Menažirani
Sloj na kome svič radi	L2/L2+
Podrška za QoS (Quality of Service)	✔
Upravljanje putem mreže	✔
ARP inspekcija	✔
Evidencija sistemskih događaja	✔
MIB podrška	✔

Portovi i interfejsi	
Broj osnovnih RJ-45 portova Eternet komutatora *	24
Tip osnovnih RJ-45 portova Eternet komutatora *	Gigabit Ethernet (10/100/1000)
Broj Gigabit Eternet (bakarnih) portova	24
Broj instaliranih SFP modula *	24
Broj slotova SFP modula	4

Mreža	
Mrežni standard *	IEEE 802.3az, IEEE 802.1p, IEEE 802.1D, IEEE 802.1s, IEEE 802.1w
Podrška za 10G *	✘
Tehnologija bakarnih kablova za eternet	10BASE-T, 1000BASE-T
Podržani tipovi kablova	Cat3, Cat4, Cat5, Cat5e
Preslikavanje portova	✔
Podrška za kontrolu protoka	✔
Agregacija portova (linkova)	✔
Kontrola broadcast storm-a	✔
Ograničenje brzine	✔
Protokol razapinjućeg stabla	✔
VLAN podrška	✔
Svojstva virtuelne LAN	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN
Broj VLAN-ova	4000

Optička vlakna	
Tehnologija optičkih kablova za eternet	1000BASE-X

Prenos podataka	
Kapacitet razvodnika *	56 Gbit/s
Brzina prosleđivanja	41,66 Mpps
Veličina adresne tabele *	8000 ulazi
Broj redova (queue-ova)	8

Sigurnost	
BPDU filtriranje/zaštita	✔
IP-MAC-Port povezivanje	✔
Tipovi potvrde identiteta	RADIUS
Algoritmi za planiranje redosleda	SP, WRR+SP, Weighted Round Robin (WRR)

Opcije za usmeravanje na više adresa	
Mulitcast podrška	✔

Protokoli	
Protokoli za upravljanje	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3az, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1p, IEEE 802.1x

Dizajni	
Montaža na stalak *	✔
Mogućnost slaganja *	✘
Standard veličine	1U
Boja proizvoda	Crno
Broj ventilatora	2 ventilatori

Performanse	
Firmver se može nadograditi	✔

Menadžment potrošnje	
Izvor napajanja *	AC
Napajanje u paketu *	✘
Ulazni napon naizmenične struje	100 - 240 V
Ulazna frekvencija naizmenične struje	50/60 Hz
Potrošnja energije (maks.)	32,1 W

Napajanja preko UTP kabla (PoE)	
Napajanje preko LAN-a (PoE) *	✔
Broj portova za napajanje putem Eterneta (PoE+)	24
Snaga napajanja preko Eterneta (PoE) po portu	30 W
Ukupna snaga za napajanje putem Eterneta (PoE)	250 W

Radni uslovi	
Raspon radne temperature (T-T)	0 - 50 °C
Dozvoljeni raspon temperatura za skladištenje	-40 - 70 °C
Radni opseg vlažnosti	10 - 90%

Prenos podataka	
Podrška za Jumbo frejmove	✔
Džambo frejmovi	9000
Paket baferovane memorije	4,1 MB

Sigurnost	
Svojstva DHCP	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client
Spisak za kontrolu pristupa (ACL)	✔
IGMP njuškanje	✔
Podržani sigurnosni algoritmi	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS
SSH/SSL podrška	✔

Radni uslovi	
Dozvoljena relativna vlažnost vazduha (min-maks.)	5 - 90%
Disipacija toplote	1052,94 BTU/h

Težina i dimenzije	
Širina	440 mm
Dubina	220 mm
Visina	44 mm

Sadržaj pakovanja	
Kablovi uključeni	AC
Korisničko uputstvo	✔
Set za montažu reka	✔

Sertifikati	
Sertifikacija	CE, FCC



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Publication date: 12-NOV-2026. Prints or copies of Information are only valid on the printed Publication date