TP-Link Omada SG3428XPP-M2 nätverksswitchar hanterad L2+ 2.5G Ethernet (100/1000/2500) Strömförsörjning via Ethernet (PoE) stöd 1U Svart



Märke : TP-Link **Produktfamilj:** Omada **Produktkod:** SG3428XPP-M2

Product name : SG3428XPP-M2

TP-Link Omada SG3428XPP-M2. Switch typ: hanterad, Switch-lager: L2+. Typ av grundläggande RJ-45 Ethernet-portar: 2.5G Ethernet (100/1000/2500), Antal grundläggande RJ-45 Ethernet-portar: 24, Antal installerade SFP-moduler: 24, Konsolport: RJ-45/Micro-USB. Full duplex. Adresstabellstorlek: 32000 poster, Switch kapacitet: 200 Gbit/s. Kommunikationsstandarder: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Strömförsörjning via Ethernet (PoE) stöd. Rackmontering, Formfaktor: 1U

Management features	
Switch typ *	hanterad
Switch-lager	L2+
Stöd för garanterad tjänstekvalitet (QoS)	✔
Webbaserad adminstraion	✔
Molnhanterat	✔
ARP-inspektion	✔
CLI (Configuring Location Settings)	✔
Systemhändelselogg	✔
MIB stödd	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925

Anslutningar	
Antal grundläggande RJ-45 Ethernet-portar *	24
Typ av grundläggande RJ-45 Ethernet-portar *	2.5G Ethernet (100/1000/2500)
Antal 2.5G ethernetportar (koppar)	24
Antal installerade SFP-moduler *	24
Antal SFP+-modulplatser	4
Konsolport	RJ-45/Micro-USB

Nätverk	
Kommunikationsstandarder *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G stöd *	✔
Portspegling	✔
Full duplex	✔
Halv duplex	✔
Flödeskontroll	✔
Länkaggregering	✔
Broadcast Storm-kontroll	✔
Överföringsbegränsning	✔
STP (Spanning Tree Protocol)	✔
Head-of-line (HOL) blockering	✔

Bevakning	
Autentisering	Gäst VLAN, MAC-baserad auktorisering, Portbaserad auktorisering
Lösenordsskydd	✔
Autentiseringstyp	AAA, IEEE 802.1x, RADIUS, TACACS+
Algoritmer för schemaläggning av köer	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast-funktioner	
Multicast-stöd	✔
Multicast listener discovery (MLD)-snooping	MLD v1/v2

Protokoll	
Lednings Protokoll	SNMP v1/v2c/v3
GARP VLAN Registration Protocol (GVRP)	✔
IPv4- och IPv6-funktioner	IPv4/IPv6 access-control list (ACL), IPv6 ping, IPv6 portal, IPv6 tracert

Design	
Rackmontering *	✔
Staplingsbar *	✘
Formfaktor	1U
Produktens färg	Svart
LED-indikatorer	✔
Redundanta fläktar stöd	✔
Antal fläktar	3 fläkt/-ar

Prestanda	
Minnestyp	DRAM
Internminne	256 MB
Flashminne	32 MB

Strömtillförsel	
Strömkälla *	AC
Strömförsörjning ingår *	✘
Stöd för redundant strömförsörjning (RPS)	✔
AC-inspänning	100 - 240 V
Växelström Frekvens	50/60 hz
Strömförbrukning (max)	629,1 W

Nätverk	
Datahastighet för Ethernet-LAN	10,100,1000,2500,10000 Mbit/s
IPv4-rutter	48
Ipv6-rutter	48
VLAN-stöd	✔
VLAN-funktioner	MAC address-based VLAN, Port-based VLAN, Protocol-based VLAN, Stacked VLAN, Tagged VLAN, Voice VLAN

Data transmission	
Switch kapacitet *	200 Gbit/s
Hastighet vid vidarebefordran	148,8 Mpps
Adresstabellstorlek *	32000 poster
Lagra-och-vidarebefordra	✔
Antalet köer	8
Statisk routning	✔
Antal statiska rutter	48
Antal IP-gränssnitt	32
Jumbo Frames stöd	✔
Jumboramar	9000
Paketbuffertminne	16 MB

Bevakning	
DHCP-funktioner	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Åtkomstkontrollista (ACL)	✔
IGMP-snooping	✔
Kryptering/säkerhet	HTTPS, SSH, SSH-2, SSL/TLS
Statisk portsäkerhet	✔
SSH / SSL-stöd	✔
Loopskydd	✔
BPDU-filtrering/-skydd	✔
IP-MAC-portbindning	✔

Power over Ethernet (PoE)	
Strömförsörjning via Ethernet (PoE) stöd *	✔
Antal Power over Ethernet plus (PoE+)-portar	16
Antal Power over Ethernet 4PPoE (PoE++)-portar	8
Total Power over Ethernet (PoE)-budget	500 W

Miljökrav	
Temperatur vid drift	0 - 40 ° C
Temperaturintervall (förvaring)	-40 - 70 ° C
Intervall för relativ operativ luftfuktighet	10 - 90%
Fuktighet (förvaring)	5 - 90%
Värmeavgivning	2153,45 BTU/h

Vikt & dimension	
Bredd	440 mm
Djup	330 mm
Höjd	44 mm

Förpackningens innehåll	
Kabel inkluderad	AC
Snabbstartsguide	✔
Rackmonteringssats	✔

Hållbarhet	
Uppfyller hållbarhetskrav	✔

Certifikat	
Certifikat för överensstämmelse	CE, Federal Communications Commission (FCC), RoHS

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Publication date: 06-NOV-2026. Prints or copies of Information are only valid on the printed Publication date