



## TP-Link Omada SG3428XPP-M2 dispositivo de redes Gestionado L2+ 2.5G Ethernet (100/1000/2500) Energía sobre Ethernet (PoE) 1U Negro

**Marca :** TP-Link

**Familia de productos:** Omada

**Código del producto:**  
SG3428XPP-M2



**Nombre del producto :**  
SG3428XPP-M2

TP-Link Omada SG3428XPP-M2. Tipo de interruptor: Gestionado, Capa del interruptor: L2+. Puertos tipo básico de conmutación RJ-45 Ethernet: 2.5G Ethernet (100/1000/2500), Cantidad de puertos básicos de conmutación RJ-45 Ethernet: 24, Puerto de consola: RJ-45/Micro-USB. Bidireccional completo (Full duplex). Tabla de direcciones MAC: 32000 entradas, Capacidad de conmutación: 200 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Energía sobre Ethernet (PoE). Montaje en rack, Factor de forma: 1U

Management features		Security	
Switch type *	Managed	Authentication	Guest VLAN, MAC-based authentication, Port-based authentication
Switch layer	L2+	Password protection	✓
Quality of Service (QoS) support	✓	Authentication type	AAA, IEEE 802.1x, RADIUS, TACACS+
Web-based management	✓	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
Cloud-managed	✓	Multicast features	
ARP inspection	✓	Multicast support	✓
Configuring Location Settings (CLI)	✓	Multicast Listener Discovery (MLD) snooping	MLD v1/v2
System event log	✓	Protocols	
MIB support	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925	Management protocols	SNMP v1/v2c/v3
Ports & interfaces		GARP VLAN Registration Protocol (GVRP)	✓
Basic switching RJ-45 Ethernet ports quantity *	24	IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 ping, IPv6 portal, IPv6 tracer
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Design	
2.5G Ethernet (copper) ports quantity	24	Rack mounting *	✓
SFP+ module slots quantity	4	Form factor	1U
Console port	RJ-45/Micro-USB	Product colour	Black
Network		LED indicators	✓
Networking standards *	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	Redundant fans support	✓
		Number of fans	3 fan(s)
		Performance	
		Memory type	DRAM
		Internal memory	256 MB
10G support *	✓	Flash memory	32 MB
Port mirroring	✓	Power	
Full duplex	✓	Power source *	AC/PoE
Half duplex	✓	Power supply included *	✓
Flow control support	✓	Redundant power supply (RPS) support	✓
Link aggregation	✓	AC input voltage	100 - 240 V
Broadcast storm control	✓	AC input frequency	50/60 Hz
Rate limiting	✓	Power consumption (max)	629.1 W
Spanning tree protocol	✓		
Head-of-line (HOL) blocking	✓		

Network		Power over Ethernet (PoE)	
Ethernet LAN data rates	10,100,1000,2500,10000 Mbit/s	Power over Ethernet (PoE) *	✓
IPv4 routes	48	Power over Ethernet plus (PoE+) ports quantity	16
IPv6 routes	48	Power over Ethernet 4PPoE (PoE++) ports quantity	8
VLAN support	✓	Total Power over Ethernet (PoE) budget	500 W
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Protocol-based VLAN, Stacked VLAN, Tagged VLAN, Voice VLAN	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	200 Gbit/s	Storage temperature (T-T)	-40 - 70 °C
Forwarding rate	148.8 Mpps	Operating relative humidity (H-H)	10 - 90%
MAC address table *	32000 entries	Storage relative humidity (H-H)	5 - 90%
Store-and-forward	✓	Heat dissipation	2153.45 BTU/h
Number of queues	8	Weight & dimensions	
Static route	✓	Width	440 mm
Number of static routes	48	Depth	330 mm
Number of IP interfaces	32	Height	44 mm
Jumbo frames support	✓	Packaging content	
Jumbo frames	9000	Cables included	AC
Packet buffer memory	16 MB	Quick start guide	✓
Security		Rack mount kit	✓
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Sustainability	
Access Control List (ACL)	✓	Sustainability compliance	✓
IGMP snooping	✓	Certificates	
Security algorithms	HTTPS, SSH, SSH-2, SSL/TLS	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Static port security	✓		
SSH/SSL support	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
IP-MAC-Port binding	✓		



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