



TP-Link Omada SG3210X-M2 dispositivo de redes Gestionado L2+ 2.5G Ethernet (100/1000/2500) 1U Negro

Marca : TP-Link

Familia de productos: Omada Código del producto: SG3210X-M2

Nombre del producto : SG3210X-M2



TP-Link Omada SG3210X-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: 8, Puerto de consola: RJ-45/micro-USB. Tabla de direcciones MAC: 16000 entradas, Capacidad de conmutación: 80 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Conector eléctrico: Conector de entrada de CA. Montaje en rack, Factor de forma: 1U

Management features		Security	
Switch type *	Managed	SSH/SSL support	✓
Switch layer	L2+	Loop protection	✓
Quality of Service (QoS) support	✓	BPDU filtering/protection	✓
Web-based management	✓	IP-MAC-Port binding	✓
Cloud-managed	✓	Authentication	MAC-based authentication, Port-based authentication
Traffic classification	✓	Password protection	✓
ARP inspection	✓	Authentication type	AAA, TACACS+
Configuring Location Settings (CLI)	✓	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
System event log	✓		
MIB support	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213	Multicast features	
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports quantity *	8	Multicast Listener Discovery (MLD) snooping	✓
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Protocols	
2.5G Ethernet (copper) ports quantity	8	Management protocols	SNMPv1/v2c/v3, SNMP
SFP+ module slots quantity	2	GARP VLAN Registration Protocol (GVRP)	✓
Console port	RJ-45/micro-USB	Design	
Power connector	AC-in jack	Rack mounting *	✓
Network		Form factor	1U
Networking standards *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w	Product colour	Black
10G support *	✓	LED indicators	✓
Port mirroring	✓	Number of fans	2 fan(s)
IP routing	✓	Performance	
Flow control support	✓	Fanless	✓
Link aggregation	✓	Power	
Broadcast storm control	✓	Power source *	AC
Rate limiting	✓	Power supply included *	✓
Spanning tree protocol	✓	AC input voltage	100 - 240 V
Head-of-line (HOL) blocking	✓	AC input frequency	50/60 Hz
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power consumption (typical)	15 W
VLAN support	✓	Operational conditions	
		Operating temperature (T-T)	0 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 90%

Network		Operational conditions	
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Storage relative humidity (H-H)	5 - 90%
Number of VLANs	4000	Heat dissipation	51.18 BTU/h
Data transmission		Weight & dimensions	
Switching capacity *	80 Gbit/s	Width	294 mm
Forwarding rate	59.52 Mpps	Depth	180 mm
MAC address table *	16000 entries	Height	44 mm
Static route	✓	Packaging content	
Number of static routes	48	Cables included	AC
Number of IP interfaces	16	Quick start guide	✓
Jumbo frames support	✓	Packaging data	
Jumbo frames	9000	Package type	Box
Packet buffer memory	12 MB	Package width	528 mm
Security		Package depth	250 mm
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Package height	80 mm
Access Control List (ACL)	✓	Package weight	2.84 kg
IGMP snooping	✓	Certificates	
Security algorithms	HTTPS, SSH, SSH-2, SSL/TLS	Certification	CE, FCC, RoHS
MAC address filtering	✓	Logistics data	
Static port security	✓	Harmonized System (HS) code	85176990