



TP-Link Omada SG3218XP-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:** SG3218XP-M2

Nombre del producto : SG3218XP-M2

TP-Link Omada SG3218XP-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: 16, Puerto de consola: RJ-45/Micro-USB. Tabla de direcciones MAC: 16000 entradas, Capacidad de conmutación: 120 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Conector eléctrico: Conector de entrada de CA. Energía sobre Ethernet (PoE). Montaje en rack, Factor de forma: 1U



| Management features | | Security | |
|---|--|---|---|
| Switch type * | Managed | Authentication | MAC-based authentication, Port-based authentication |
| Switch layer | L2+ | Password protection | ✓ |
| Quality of Service (QoS) support | ✓ | Authentication type | AAA, 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 | ✓ |
| System event log | ✓ | Protocols | |
| MIB support | MIB II (RFC1213), Interface MIB (RFC2233), Ethernet Interface MIB (RFC1643), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), RMON MIB (RFC2819), RMON2 MIB (RFC2021), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support TP-Link private MIB | Management protocols | SNMP v1/v2c/v3, SNTp |
| | | GARP VLAN Registration Protocol (GVRP) | ✓ |
| Ports & interfaces | | Design | |
| Basic switching RJ-45 Ethernet ports quantity * | 16 | Rack mounting * | ✓ |
| Basic switching RJ-45 Ethernet ports type * | 2.5G Ethernet (100/1000/2500) | Form factor | 1U |
| SFP+ module slots quantity | 2 | Product colour | Black |
| Console port | RJ-45/Micro-USB | LED indicators | ✓ |
| Power connector | AC-in jack | Number of fans | 2 fan(s) |
| Network | | Power | |
| Networking standards * | IEEE 802.1D, IEEE 802.1s, IEEE 802.1w | Power source * | AC |
| | | Power supply included * | ✓ |
| | | AC input voltage | 100 - 240 V |
| | | AC input frequency | 50/60 Hz |
| | | Power consumption (max) | 299.4 W |

| Network | | Power over Ethernet (PoE) | |
|-----------------------------|---|--|---|
| 10G support * | ✓ | Power over Ethernet (PoE) * | ✓ |
| Port mirroring | ✓ | Power over Ethernet plus (PoE+) ports quantity | 8 |
| IP routing | ✓ | Power over Ethernet (PoE) power per port | 30 W |
| Flow control support | ✓ | Total Power over Ethernet (PoE) budget | 240 W |
| Link aggregation | ✓ | Operational conditions | |
| Broadcast storm control | ✓ | Operating temperature (T-T) | 0 - 50 °C |
| Rate limiting | ✓ | Storage temperature (T-T) | -40 - 70 °C |
| Spanning tree protocol | ✓ | Operating relative humidity (H-H) | 10 - 90% |
| Head-of-line (HOL) blocking | ✓ | Storage relative humidity (H-H) | 5 - 90% |
| Ethernet LAN data rates | 100,1000,2500 Mbit/s | Heat dissipation | 1021.64 BTU/h |
| VLAN support | ✓ | Weight & dimensions | |
| Virtual LAN features | MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN | Width | 440 mm |
| | | Depth | 180 mm |
| | | Height | 44 mm |
| | | Data transmission | |
| Switching capacity * | 120 Gbit/s | Packaging content | |
| Forwarding rate | 89.28 Mpps | Cables included | AC |
| MAC address table * | 16000 entries | Quick start guide | ✓ |
| Static route | ✓ | Packaging data | |
| Number of static routes | 48 | Package type | Box |
| Number of IP interfaces | 32 | Sustainability | |
| Jumbo frames support | ✓ | Sustainability compliance | ✓ |
| Jumbo frames | 9000 | Certificates | |
| Packet buffer memory | 12 MB | Compliance certificates | Federal Communications Commission (FCC), RoHS |
| Security | | Certification | CE, FCC, RoHS |
| DHCP features | DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping | | |
| Access Control List (ACL) | ✓ | | |
| IGMP snooping | ✓ | | |
| Security algorithms | HTTPS, SSH, SSH-2, SSL/TLS | | |
| MAC address filtering | ✓ | | |
| Static port security | ✓ | | |
| SSH/SSL support | ✓ | | |
| Loop protection | ✓ | | |
| BPDU filtering/protection | ✓ | | |
| IP-MAC-Port binding | ✓ | | |



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