

**Switch TP-LINK
Omada
SG3428XPP-M2
Desktop/pedestal
Rack 24x2.5GbE
4xSFP+
1xConsole 1
PoE+ ports 16
500 Watts
SG3428XPP-M2**



Model: SG3428XPP-M2

Manufacturer: TP-LINK

EAN: 4897098689738

Product Code: 193486

R19,071

TP-Link | Omada L2+ managed switches provide high performance, powerful L2 and L2+ features like static routing, enterprise-level QoS, advanced security strategies and a bundle of ISP features. The 10-gigabit ports ensure high-speed data transfer, and their backward compatibility with gigabit

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products reserves room for network upgrades, therefore guarantees stable and long-term usability. The IP-MAC-Port Binding (IMPB) and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. The OAM function helps facilitate network management. Moreover, the easy-to-use web management interfaces, along with CLI, SNMP and Dual Image mean faster setup and configuration with less downtime. TP-Link | Omada L2+ 10-gigabit managed switches provide a reliable, secure solution for enterprise, campus and ISP networks.

- 8× 2.5G PoE++ ports (up to 60 W PoE out per port)**
- 16× 2.5G PoE+ ports (up to 30 W PoE out per port)
- 4× 10G SFP+ slots
- 500 W total PoE budget*
- Centralized cloud management via the web or the Omada appt
- Standalone management via web, CLI, SNMP, and RMON
- Static Routing helps route internal traffic for higher efficiency
- VLAN, ACL, QoS, IGMP Snooping, OAM, and DDM
- ERPS supports rapid protection and recovery in a ring topology

Summary: TP-Link Omada 24-Port 2.5GBASE-T and 4-Port 10GE SFP+ L2+ Managed Switch with 16-Port PoE+ & 8-Port PoE++. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports type: 2.5G Ethernet (100/1000/2500), Basic switching RJ-45 Ethernet ports quantity: 24, Console port: RJ-45/Micro-USB. Full duplex. MAC address table: 32000 entries, Switching capacity: 200 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U | Vendor Homepage: <https://www.tp-link.com/en/business-networking/omada-switch-l3-l2-managed/sg3428xpp-m2/#overview> | ARP inspection: Yes | Cloud-managed: Yes | Configuring Location Settings (CLI): Yes | MIB support: RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925 | Quality of Service (QoS) support: Yes | Switch layer: L2+ | Switch type: Managed | System event log: Yes | Web-based management: Yes | 2.5G Ethernet (copper) ports quantity: 24 | Basic switching RJ-45 Ethernet ports quantity: 24 | Basic switching RJ-45 Ethernet ports type: 2.5G Ethernet (100/1000/2500) | Console port: RJ-45/micro-USB | SFP+ module slots quantity: 4 | 10G support: Yes | Broadcast storm control: Yes | Ethernet LAN data rates: 10,100,1000,2500,10000 | Flow control support: Yes | Full duplex: Yes | Half duplex: Yes |

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Head-of-line (HOL) blocking: Yes | IPv4 routes: 48 | IPv6 routes: 48 | Link aggregation: Yes | Networking standards: IEEE 802.1ab/IEEE 802.1D/IEEE 802.1p/IEEE 802.1Q/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 | Port mirroring: Yes | Rate limiting: Yes | Spanning tree protocol: Yes | Virtual LAN features: MAC address-based VLAN/Port-based VLAN/Protocol-based VLAN/Stacked VLAN/Tagged VLAN/Voice VLAN | VLAN support: Yes | Forwarding rate: 148.8 | Jumbo frames: 9000 | Jumbo frames support: Yes | MAC address table: 32000 | Number of IP interfaces: 32 | Number of queues: 8 | Number of static routes: 48 | Packet buffer memory: 16 | Static route: Yes | Store-and-forward: Yes | Switching capacity: 200 | Access Control List (ACL): Yes | Authentication: Guest VLAN,MAC-based authentication,Port-based authentication | Authentication type: AAA,IEEE 802.1x,RADIUS,TACACS+ | BPDU filtering/protection: Yes | DHCP features: DHCP client/DHCP relay/DHCP server/DHCP snooping/DHCPv6 client/DHCPv6 snooping | IGMP snooping: Yes | IP-MAC-Port binding: Yes | Loop protection: Yes | Password protection: Yes | Queue scheduling algorithms: SP/Weighted Round Robin (WRR)/WRR+SP | Security algorithms: HTTPS/SSH/SSH-2/SSL/TLS | SSH/SSL support: Yes | Static port security: Yes | Multicast Listener Discovery (MLD) snooping: MLD v1/v2 | Multicast support: Yes | GARP VLAN Registration Protocol (GVRP): Yes | IPv4 & IPv6 features: IPv4/IPv6 access-control list (ACL)/IPv6 ping/IPv6 portal/IPv6 tracer | Management protocols: SNMP v1/v2c/v3 | Form factor: 1U | LED indicators: Yes | Number of fans: 3 | Product colour: Black | Rack mounting: Yes | Redundant fans support: Yes | Flash memory: 32 | Internal memory: 256 | Memory type: DRAM | AC input frequency: 50/60 | AC input voltage: 100 - 240 | Power consumption (max): 629.1 | Power source: AC/PoE | Power supply included: Yes | Redundant power supply (RPS) support: Yes | Power over Ethernet (PoE): Yes | Power over Ethernet 4PPoE (PoE++) ports quantity: 8 | Power over Ethernet plus (PoE+) ports quantity: 16 | Total Power over Ethernet (PoE) budget: 500 | Heat dissipation: 2153.45 | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 330 | Height: 44 | Width: 440 | Cables included: AC | Quick start guide: Yes | Rack mount kit: Yes | Sustainability compliance: Yes | Compliance certificates: CE/Federal Communications Commission (FCC)/RoHS | Series: Omada | Model name: SG3428XPP-M2 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.02355 | Unit Calculated Weight: 6.2

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