

TP-Link TL-SG3428XMP network switch

Artikel	129502
Herstellernummer	TL-SG3428XMP
EAN	6935364030780
TP-Link	



TP-Link's JetStream 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 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 JetStream L2+ 10-gigabit managed switches provide a reliable, secure solution for enterprise, campus and ISP networks.

Software Defined Networking (SDN) with Cloud Access

Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.

Zusammenfassung

TP-Link's JetStream 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 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 JetStream L2+ 10-gigabit managed switches provide a reliable, secure solution for enterprise, campus and ISP networks.

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TP-Link JetStream 24-Port Gigabit and 4-Port 10GE SFP+ L2+ Managed Switch with 24-Port PoE+, Managed, L2/L3, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE), Rack mounting, 1U

TP-Link JetStream 24-Port Gigabit and 4-Port 10GE SFP+ L2+ Managed Switch with 24-Port PoE+. Switch type: Managed, Switch layer: L2/L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24, Console port: RJ-45/Micro-USB. MAC address table: 16000 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.11d, IEEE 802.1s, IEEE 802.1w. Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Merkmale

Logistics data

Harmonized System (HS) code	85176990
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Multicast features

Multicast support	Yes
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Protocols

Management protocols	SNMPv1/v2c/v3, SNMP
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Packaging data

Cables included	LAN (RJ-45)
Quick start guide	Yes

Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Power over Ethernet plus (PoE+) ports quantity	24
Total Power over Ethernet (PoE) budget	384 W

Weight & dimensions

Width	440 mm
Depth	330 mm
Height	44 mm

Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-10 - 90% H)	
Storage relative humidity (H-5 - 90% H)	

Design

Rack mounting	Yes
Form factor	1U
Product colour	Black
LED indicators	Yes
Number of fans	2 fan(s)

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	24
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	24
SFP+ module slots quantity	4
Console port	RJ-45/Micro-USB

Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	465.8 W

Data transmission

Switching capacity	128 Gbit/s
Forwarding rate	95.23 Mpps
MAC address table	16000 entries
Number of static routes	48
Jumbo frames support	Yes
Jumbo frames	9000
Packet buffer memory	12 MB

Management features

Switch type	Managed
Switch layer	L2/L3
Quality of Service (QoS) support	Yes
Web-based management	Yes
Cloud-managed	Yes
System event log	Yes
MIB support	Yes

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
SSH/SSL support	Yes

Loop protection	Yes
BPDU filtering/protection	Yes
IP-MAC-Port binding	Yes

Network

Networking standards	IEEE 802.11d, IEEE 802.1s, IEEE 802.1w
10G support	Yes
Port mirroring	Yes
Policy-based routing	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
Ethernet LAN data rates	10,100,1000 Mbit/s
Active link detection	Yes
VLAN support	Yes
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.