tp-link

TP-Link JetStream TL-SG3210XHP-M2 verkkokytkin Hallittu L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet -tuki 1U musta

Tuotemerkki : TP-Link   **Tuoteperhe:** JetStream   **Tuotekoodi:** TL-SG3210XHP-M2

Tuotteen nimi : TL-SG3210XHP-M2

TP-Link JetStream TL-SG3210XHP-M2. Kytkin tyyppi: Hallittu, Kytkinkerros: L2+. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 2.5G Ethernet (100/1000/2500), Basic kytkentä RJ-45 Ethernet-porttien määrä: 8, Console-portti: RJ-45/micro-USB. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 80 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Virtaliitin: AC-in-liitin. Power over Ethernet -tuki. Telineasennus, Kotelo: 1U

Management features

Switch type *	Managed
Switch layer	L2+
Quality of Service (QoS) support	✔
Web-based management	✔
Cloud-managed	✔
Traffic classification	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
System event log	✔
MIB support	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	8
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)
2.5G Ethernet (copper) ports quantity	8
SFP+ module slots quantity	2
Console port	RJ-45/micro-USB
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w
10G support *	✔
Port mirroring	✔

Security

IP-MAC-Port binding	✔
Authentication	MAC-based authentication, Port-based authentication
Password protection	✔
Authentication type	AAA, TACACS+
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔
Multicast Listener Discovery (MLD) snooping	✔

Protocols

Management protocols	SNMPv1/v2c/v3, SNTP
GARP VLAN Registration Protocol (GVRP)	✔

Design

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

Power

Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	292 W

Network

IP routing	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
Ethernet LAN data rates	100,1000,2500 Mbit/s
VLAN support	✔
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	80 Gbit/s
Forwarding rate	59.52 Mpps
MAC address table *	16000 entries
Static route	✔
Number of static routes	48
Number of IP interfaces	16
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	12 MB

Security

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	✔

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	8
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	240 W

Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	996.35 BTU/h

Weight & dimensions

Width	440 mm
Depth	180 mm
Height	44 mm

Packaging content

Cables included	AC
Quick start guide	✔

Packaging data

Package type	Box
Package width	528 mm
Package depth	250 mm
Package height	80 mm
Package weight	2.84 kg

Certificates

Certification	CE, FCC, RoHS

Logistics data

Harmonized System (HS) code	85176990

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