

TP-Link TL-SG3210XHP-M2 JetStream PoE switch

USB2.0, SFP+: 2db, menedzselhető, energiafelhasználás: 291,49W, fekete

Cikkszám: TL-SG3210XHP-M2

Ár:

276 910 Ft



Garancia: 5 Év

Interface

- 8× 100/1000/2500 Mbps RJ45 Ports
- 2× 10G SFP+ Slots
- 1× RJ45 Console Port
- 1× Micro-USB Console Port

Fan Quantity

2

Power Supply

100-240 V AC~50/60 Hz

Dimensions (W x D x H)

17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)

Mounting

Rack Mountable

Max Power Consumption

- 17.24 W (110V/60Hz) (no PD connected)
- 291.49 W (110V/60Hz) (with 240 W PD connected)
- 58.82 BTU/h (110 V/60 Hz) (no PD connected)
- 994.56 BTU/h (110 V/60 Hz) (with 240 W PD connected)

Max Heat Dissipation

PERFORMANCE

Switching Capacity

80 Gbps

Packet Forwarding Rate

59.52 Mpps

MAC Address Table

16 K

Jumbo Frame

9 KB

SOFTWARE FEATURES

- 8 priority queues
- 802.1p CoS/DSCP priority
- Queue scheduling
 - SP (Strict Priority)
 - WRR (Weighted Round Robin)
 - SP+WRR
- Bandwidth Control
 - Port/Flow based Rating Limiting
- Smoother Performance
- Action for Flows
 - Mirror (to supported interface)
 - Redirect (to supported interface)
 - Rate Limit
 - QoS Remark
- Link Aggregation
 - static link aggregation
 - 802.3ad LACP
 - Up to 8 aggregation groups, containing 8 ports per group
- Spanning Tree Protocol
 - 802.1d STP
 - 802.1w RSTP

Quality of Service

L2 and L2+ Features

- 802.1s MSTP
- STP Security: TC Protect, BPDU Filter, Root Protect
- Loopback Detection
- Port based
- VLAN based
- Flow Control
- 802.3x Flow Control
- HOL Blocking Prevention
- Mirroring
- Port Mirroring
- CPU Mirroring
- One-to-One
- Many-to-One
- Tx/Rx/Both
- IGMP Snooping
- IGMP v1/v2/v3 Snooping
- Fast Leave
- IGMP Snooping Querier
- IGMP Authentication
- IGMP Authentication
- MLD Snooping

L2 Multicast

- MLD v1/v2 Snooping
- Fast Leave
- MLD Snooping Querier
- Static Group Config
- Limited IP Multicast
- MVR
- Multicast Filtering: 256 profiles and 16 entries per profile

VLAN

- VLAN Group
- Max 4K VLAN Groups
- 802.1Q Tagged VLAN
- MAC VLAN: 7 Entries
- Protocol VLAN: Protocol Template 16, Protocol VLAN 16
- Private VLAN
- GVRP
- VLAN VPN (QinQ)
- Port-Based QinQ
- Selective QinQ
- Voice VLAN
- Time-based ACL
- MAC ACL
- Source MAC
- Destination MAC
- VLAN ID
- User Priority
- Ether Type
- IP ACL
- Source IP
- Destination IP
- Fragment
- IP Protocol

Access Control List

- TCP Flag
- TCP/UDP Port
- DSCP/IP TOS
- User Priority
- Combined ACL
- Packet Content ACL
- IPv6 ACL
- Policy
- Mirroring
- Redirect
- Rate Limit

Security

- QoS Remark
- ACL apply to Port/VLAN
- IP-MAC-Port Binding
- 512 Entries
- DHCP Snooping
- ARP Inspection
- IPv4 Source Guard: 100 Entries
- IPv6-MAC-Port Binding
- 512 Entries
- DHCPv6 Snooping
- ND Detection
- IPv6 Source Guard: 100 Entries
- DoS Defend
- Static/Dynamic Port Security
- Up to 64 MAC addresses per port
- Broadcast/Multicast/Unicast Storm Control
- kbps/ratio control mode
- 802.1X
- Port base authentication
- Mac base authentication
- VLAN Assignment
- MAB
- Guest VLAN
- Support Radius authentication and accountability
- AAA (including TACACS+)
- Port Isolation
- Secure web management through HTTPS with SSLv3/TLS 1.2
- Secure Command Line Interface (CLI) management with SSHv1/SSHv2
- IP/Port/MAC based access control
- IPv6 Dual IPv4/IPv6
- Multicast Listener Discovery (MLD) Snooping
- IPv6 ACL
- IPv6 Interface
- Static IPv6 Routing
- IPv6 neighbor discovery (ND)
- Path maximum transmission unit (MTU) discovery
- Internet Control Message Protocol (ICMP) version 6
- TCPv6/UDPv6

IPv6

- IPv6 applications
- DHCPv6 Client
- Ping6
- Tracert6
- Telnet (v6)
- IPv6 SNMP
- IPv6 SSH
- IPv6 SSL
- Http/Https
- IPv6 TFTP
- 16 IPv4/IPv6 Interfaces
- Static Routing
- 48 static routes
- Static ARP
- 128 Static Entries
- Proxy ARP
- Gratuitous ARP
- DHCP Server
- DHCP Relay
- DHCP Interface Relay
- DHCP VLAN Relay
- DHCP L2 Relay
- Web-based GUI

L3 Features

Management

- Command Line Interface (CLI) through the console port, telnet
- SNMP v1/v2c/v3
- Trap/Inform
- RMON (1,2,3,9 groups)
- SDM Template
- DHCP/BOOTP Client
- 802.1ab LLDP/LLDP-MED
- DHCP AutoInstall
- Dual Image, Dual Configuration
- CPU Monitoring
- Cable Diagnostics
- EEE
- Password Recovery
- Sntp
- System Log
- Support Omada Hardware Controller (OC200/OC300), Software Controller, Cloud-Based Controller
- Automatic Device Discovery
- Batch Configuration

Advanced Features

- Batch Firmware Upgrading
- Intelligent Network Monitoring
- Abnormal Event Warnings
- Unified Configuration
- Reboot Schedule
- ZTP (Zero-Touch Provisioning)**
- MIB II (RFC1213)
- Interface MIB (RFC2233)
- Ethernet Interface MIB (RFC1643)
- Bridge MIB (RFC1493)
- P/Q-Bridge MIB (RFC2674)

MIBs

- 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

OTHERS

Certification

- CE, FCC, RoHS
- TL-SG3210XHP-M2 Switch
- Power Cord

Package Contents

- Quick Installation Guide
- Rackmount Kit
- Rubber Feet

Environment

- Operating Temperature: 0-45 ° (32-113 °);
- Storage Temperature: -40-70 ° (-40-158 °)
- Operating Humidity: 10-90% RH non-condensing
- Storage Humidity: 5-90% RH non-condensing