

TP-Link TL-SL2428P JetStream PoE rack switch

LAN (100Mb/s): 24 port, LAN (1Gb/s): 4 port, SFP: 2db, menedzselhető, energiafelhasználás: 286,7W, ezüst

Cikkszám: TL-SL2428P

Ár:

158 430 Ft



Garancia: 5 Év

Standards and Protocols IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3az, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at

Interface 24 10/100Mbps RJ45 Ports
(Auto Negotiation/Auto MDI/MDIX)

4 10/100/1000Mbps RJ45 Ports
(Auto Negotiation/Auto MDI/MDIX)
2 Combo Gigabit SFP Slots

Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m)
1000BASE-X: MMF, SMF

Fan Quantity 2

Physical

Security Lock Yes

PoE Budget 250 W

Dimensions (W x D x H) 17.3 x 7.1 x 1.7 in.

(440 x 180 x 44 mm)

Mounting Rack Mountable

Max Power Consumption 18.8 W (220 V / 50 Hz with no PD connected)

286.7 W (220 V / 50 Hz with 250 W PD connected)

Max Heat Dissipation 64.1 BTU/h (with no PD connected)

977.6 BTU/h (220 V / 50 Hz with 250 W PD connected)

PERFORMANCE

Switching Capacity 12.8 Gbps

Packet Forwarding Rate 9.5 Mpps

MAC Address Table 8K

Jumbo Frame 9216 Bytes

SOFTWARE FEATURES

- 802.1p CoS/ DSCP priority
- 8 priority queues
- Priority Schedule Mode
 - SP (Strict Priority)
 - WRR (Weighted Round Robin)
- Queue Weight Config
- Bandwidth Control
- Port/Flow based Rating Limit

Quality of Service • Smoother Performance

- Actions for flows
- Mirror(to supported interface)
- Redirect(to supported interface)
- Rate Limit
- QoS Remark
- Storm Control
- Multiple Control Modes(kbps/ratio/pps)
- Broadcast/Multicast/Unknown-Unicast Control
- Link Aggregation
- static link aggregation
- Up to 8 aggregation groups and up to 8 ports per group
- 802.3ad LACP
- Spanning Tree Protocol
- 802.1D STP
- 802.1w RSTP
- 802.1s MSTP
- STP Security: Loop back detection, TC Protect, BPDU Filter/Protect, Root Protect
- Loopback Detection
- Flow Control
- 802.3x Flow Control
- Mirroring
- Port Mirroring
- One-to-One
- Many-to-One
- Flow-Based
- Ingress/Egress/Both
- CPU Mirroring
- Device Link Detect Protocol(DLDP)

L2 Features

- 512 IPv4,IPv6 shared multicast groups
- IGMP Snooping
- IGMP v1/v2/v3 Snooping
- Fast Leave
- IGMP Snooping Querier
- IGMP Authentication
- Static Group Config
- MLD Snooping
- MLD v1/v2 Snooping
- Fast Leave
- MLD Snooping Querier
- Static Group Config
- Multicast VLAN Registration
- Multicast Filtering
- IPv6 Dual IPv4/IPv6
- Multicast Listener Discovery(MLD) Snooping
- IPv6 neighbor discovery (ND)
- Path maximum transmission unit (MTU) discovery
- Internet Control Message Protocol (ICMP) version 6
- TCPv6/UDPv6
- IPv6 applications
- DHCPv6 Client
- Ping6
- Tracert6
- Telnet(v6)
- IPv6 SNMP
- IPv6 SSH
- IPv6 SSL
- Http/Https
- IPv6 TFTP
- VLAN Group
- Max. 4K VLAN Groups
- 802.1Q tag VLAN

L2 Multicast

IPv6 Support

VLAN

- MAC VLAN
- Protocol VLAN
- GVRP
- Voice VLAN
- Support up to 230 entries
- Time-Range
 - Time Slice
 - Week Time-Range
 - Absolute Time-Range
 - Holiday
- Time-based ACL
- MAC ACL
 - Source MAC
 - Destination MAC
 - VLAN ID
 - User Priority
 - Ether Type
- IP ACL
 - Source IP
 - Destination IP

Access Control List

- IP Protocol
 - TCP Flag
 - TCP/UDP Source Port
 - TCP/UDP Destination Port
 - DSCP/IP TOS
- IPv6 ACL
- Combined ACL
- Rule Operation
 - Permit/Deny
 - Policy Action
- Mirror
- Rate Limit
- Redirect
- QoS Remark
- ACL Rules Binding
 - Port Binding
 - VLAN Binding
- AAA
 - 802.1X
 - Port based authentication
 - MAC(Host) based authentication
 - Authentication Method includes PAP/EAP-MD5/EAP-TLS/EAP-TTLS/EAP-PEAP
 - MAB
 - Guest VLAN
 - Support Radius authentication and accountability
- IP/IPv6-MAC Binding
 - 512 Binding Entries
- DHCP Snooping
- DHCPv6 Snooping
- ARP Inspection
- ND Detection
- IP Source Guard
 - 253 Entries
 - Source IP+Source MAC
- IPv6 Source Guard
 - 183 Entries
 - Source IPv6 Address+Source MAC
- DoS Defend
- Static/Dynamic/Permanent Port Security
 - Up to 64 MAC addresses per port
 - Broadcast/Multicast/Unicast Storm Control

Security

- kbps/ratio/pps control mode
- Port Isolation
- Secure web management through HTTPS with SSLv3/TLS1.0
- Secure Command Line Interface (CLI) management with SSHv1/SSHv2
- IP/Port/MAC based access control
- Web-based GUI and CLI management
- SNMPv1/v2c/v3
- SNMP Trap/Inform
- RMON (1,2,3,9 groups)
- SDM Template
- DHCP/BOOTP Client
- Dual Image, Dual Configuration
- CPU Monitoring
- Cable Diagnostics
- EEE
- System Log
- 802.1ab LLDP/ LLDP-MED
- 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 MIBs

Management

MIBs

OTHERS

Certification

CE, FCC, RoHS
TL-SL2428P
Power Cord

Package Contents

Installation Guide
Rackmount Kit
Rubber Feet

System Requirements

Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8, MAC® OS, NetWare®, UNIX® or Linux.

Environment

Operating Temperature: 0?~50? (32?~122?);
Storage Temperature: -40?~70? (-40?~158?)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing