

TP-Link TL-SG3428XF JetStream rack switch

LAN (1Gb/s): 4 port, USB2.0, SFP: 24db, SFP+: 4db, menedzselhető,
energiafelhasználás: 35,7W, szürke

Cikkszám: TL-SG3428XF

Ár:

329 200 Ft



Garancia: 5 Év

HARDVER JELLEMZŐK

Csatlakozások

- 20× Gigabit SFP Ports
- 4× Gigabit SFP/RJ45 Combo Ports
- 4× 10G SFP+ Slots
- 1× RJ45 Console Port
- 1× Micro-USB Console Port

Ventilátorok száma

1 Fan

Hálózati tápegység

Dual Reduant Power Supplies
100-240 V AC~50/60 Hz

Méret (Sz x Mé x Ma) 17.3 × 8.7 × 1.7 in (440 × 220 × 44 mm)

Felszerelés Rack Mountable

Max. áramfelvétel 35.7 W (110 V/60 Hz)

Max Heat Dissipation 121.81 BTU/hr (110 V/60 Hz)

MŰKÖDÉSI JELLEMZŐK

Switching teljesítmény 128 Gbps

Csomagtovábbítási sebesség 95.23 Mpps

Fizikai (MAC) cím tábla 16 K

Csomag puffer memória 12 Mbit

Jumbo Frame 9 KB

SZOFTVER JELLEMZŐK

QoS (szolgáltatás minősége)

- 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
- 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

L2 és L2+ jellemzők

- 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
 - MLD Snooping
- MLD v1/v2 Snooping
- Fast Leave
- MLD Snooping Querier
- Static Group Config
- Limited IP Multicast

L2 Multicast

- MVR
- Multicast Filtering: 256 profiles and 16 entries per profile
- VLAN Group
- Max 4K VLAN Groups
- 802.1Q Tagged VLAN
- MAC VLAN: 30 Entries
- Protocol VLAN: Protocol Template 16, Protocol VLAN 16

VLAN

- 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

Hozzáférés-jogosultsági lista (ACL)

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

- Redirect
- Rate Limit
- 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 applications

Biztonság

IPv6

- 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

L3 jellemzők

	• DHCP L2 Relay • Automatic Device Discovery • Batch Configuration • Batch Firmware Upgrading • Intelligent Network Monitoring • Abnormal Event Warnings • Unified Configuration • Reboot Schedule • MIB II (RFC1213) • Interface MIB (RFC2233) • Ethernet Interface MIB (RFC1643) • Bridge MIB (RFC1493) • P/Q-Bridge MIB (RFC2674)
További jellemzők	
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
VEZÉRLÉS	
Omada App	Yes. Requiring the use of OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller.
Centralized Management	• Omada Cloud-Based Controller • Omada Hardware Controller (OC300) • Omada Hardware Controller (OC200) • Omada Software Controller
Cloud Access	Yes. Requiring the use of OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller.
Zero-Touch Provisioning	Yes. Requiring the use of Omada Cloud-Based Controller.
Management Features	• Web-based GUI • 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
EGYÉB JELLEMZŐK	
Tanúsítványok	CE, FCC, RoHS • TL-SG3428XF Switch • Power Cord
Csomagolás tartalma	• Quick Installation Guide • Rackmount Kit • Rubber Feet
Rendszerkövetelmény	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® or Linux.
Környezet	• 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

