TL-SG3428XF

TP -LINK TL-SG3428XF JetStream 24-Port SFP L2+ Managed Switch with 4 10GE SFP+ Slots

Specifications

Model	TL-SG3428XF
Brand	Tp-Link
Port say?	24 Port
Tip	Managed
Port sür?ti	1000mb/s

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KEY FEATURES

HARDWARE FEATURES

Interface	• 20× Gigabit SFP Ports • 4× Gigabit SFP/RJ45 Combo Ports • 4× 10G SFP+ Slots • 1× RJ45 Console Port • 1× Micro-USB Console Port
Fan Quantity	1 Fan
Power Supply	Dual Reduant Power Supplies 100-240 V AC~50/60 Hz
Dimensions (W x D x H)	17.3 × 8.7 × 1.7 in (440 × 220 × 44 mm)
Mounting	Rack Mountable
Max Power Consumption	35.7 W (110 V/60 Hz)
Max Heat Dissipation	121.81 BTU/hr (110 V/60 Hz)

PERFORMANCE

Switching Capacity	128 Gbps
Packet Forwarding Rate	95.23 Mpps
MAC Address Table	16 K
Packet Buffer Memory	12 Mbit
Jumbo Frame	9 KB

SOFTWARE FEATURES

Quality of Service	• 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

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SOFTWARE FEATURES

L3 Features	• 128 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
L2 and L2+ Features	• 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 - Port Mirroring - CPU Mirroring - One-to-One - Many-to-One - Tx/Rx/Both
L2 Multicast	• IGMP Snooping - IGMP v1/v2/v3 Snooping - Fast Leave - IGMP Snooping Querier - IGMP Authentication • IGMP Authentication • MLD Snooping - 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
Advanced Features	• Automatic Device Discovery • Batch Configuration • Batch Firmware Upgrading • Intelligent Network Monitoring • Abnormal Event Warnings • Unified Configuration • Reboot Schedule • VLAN Group

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