

TL-SX3008F

TP-LINK TL-SX3008F JETSTREAM 8-PORT 10GE SFP+ L2+ MANAGED SWITCH



Specifications

Model	TL-SX3008F
Brand	Tp-Link
Tip	Managed
Port say?	8 Port
Port sür?ti	1000mb/s

KEY FEATURES

HARDWARE FEATURES

Interface	<ul style="list-style-type: none"> • 8× 10GE SFP+ Slots • 1× RJ45 Console Port • 1× Micro-USB Console Port
Fan Quantity	Fanless
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	15.46 W (220 V / 50 Hz)
Max Heat Dissipation	52.75 BTU/hr (220 V / 50 Hz)

PERFORMANCE

Switching Capacity	160 Gbps
Packet Forwarding Rate	119.04 Mpps
MAC Address Table	32 K
Packet Buffer Memory	16 Mbit
Jumbo Frame	9 KB

SOFTWARE FEATURES

Quality of Service	<ul style="list-style-type: none"> • 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
L3 Features	<ul style="list-style-type: none"> • 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

HARDWARE 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 and L2+ Features

L2 Multicast

Advanced Features

VLAN

- 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
- Automatic Device Discovery
- Batch Configuration
- Batch Firmware Upgrading
- Intelligent Network Monitoring
- Abnormal Event Warnings
- Unified Configuration
- Reboot Schedule
- VLAN Group
 - Max 4K VLAN Groups
 - 802.1Q Tagged VLAN
 - MAC VLAN: 30 Entries
 - Protocol VLAN: Protocol Template 16, Protocol VLAN 16
- Private VLAN
- GVRP
- VLAN VPN (QinQ)
 - Port-Based QinQ
 - Selective QinQ
- Voice VLAN