ComX Computers
Product Specification Sheet

TEG5328F

Tenda 24 Port Gigabit 4xsfp Layer 3 Rackmount/desktop Switch

Product Overview

Tenda 24 Port Gigabit 4xsfp Layer 3 Rackmount/desktop Switch



Specifications

Features:

Layer-3 Routing Engine, High-Efficiency Fast Forwarding
Supports Layer 3 www routing protocols, supports Layer 3 forwarding of up to 400+ terminals, easily meets Layer 3 routing andforwarding across network segments, and truly achieves Layer 2 network isolation and Layer 3 network interworking. Comparedwith using a Layer 2 switch for transmission, there is no need to go through a router, and the forwarding speed is faster!

12M Large Buffer, No Fear of Burst Traffic
12M large buffer design, which is three times than other brands in the same gear.

Flexible QoS, Precise Traffic Control
The TEG5328F supports three QoS scheduling modes (SP, SWRR, WRR) for more accurate traffic control. After the QoS function is enabled, the traffic in the network will be precisely controlled according to the priority of the label. It will prioritize important traffic and reduce the proportion of data flows that occupy a large amount of insignificant traffic in the condition of limited bandwidth, in order to better meet the current transmission needs.

Supports Layer 2 And Layer 3 ACL, For More Secure Access
Support strict access control based on MAC address or IP address, which can filter the corresponding data packets to enhance user network security. It can be used for network deployment of enterprise, medical and other units.

Multiple Attack Defenses, Multiple Securit Blessings
Support IP / MAC / ARP filtering / DoS attack protection, enable attack protection according to networking requirements, bring multiple layers of protection to user network security, and ensure network stability and failure-free.

Specifications:

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Specifications	
Product Code	TEG5328F
Hardware	
Network standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3ad, IEEE802.3z, IEEE802.3x, IEEE802.1p, EEE802.1q, IEEE802.1w, IEEE802.1d, IEEE802.1s
LED Indicator	1*Link/Act LED indicator
	1*Power LED indicator
	1*SYS LED indicator
Interfaces	24*10/100/1000 Base-T Ethernet ports
	4*1000 Base-X SFP ports
	1*Console port
Transmission media	Recommended: CAT5/5e UTP or better
Fan quantity	N/A
Level of protection	Lightning protection for ports: 6kV
	Lightning protection for power: 6kV
	ESD:
	Air discharge: +/-10kV
	Contact discharge: +/-8kV
Forwarding mode	Store-and-forward
Switch capacity	56Gbps
Packet forwarding rate	41.70Mpps
Buffer	12Mb
MAC address table	16K
Jombo frame	10K
PoE power supply management	N/A
PoE budget	N/A
Input voltage	100-240V AC 50/60Hz
Power consumption	Full load: < 24W
	Empty load: < 10W
Dimension	440.0mmx178.8mmx44.0mm
Mounting	Desktop mounting: support
	Wall mounting: support
	Rack mounting:non-support
Energy Efficient	Support

Environment	Operating temperature: 0 degreesC - 45 degreesC
	Storage temperature: -40 degreesC - 70 degreesC
	Operating humidity: (10% - 90%) RH, non-condensing
	Storage humidity: (5% - 90%) RH, non-condensing
Certification	FCC, CE, RoHS
Software	
L3 Features	Supports VLAN-based routing
	Supports IPv4 static routing
	Supports static ARP
PoE power supply management	N/A
Security features	ARP receiving limit
	Unknown MAC address discard
	DoS attack defense
	802.1x security authentication
	Radius security authentication
VLAN	IEEE 802.1Q VLAN
	VLAN Layer-3 interfaces
	Supports three port modes: Access, Trunk and Hybrid
DHCP Server	DHCP Relay
	DHCP Snooping
	Supports Option 82 policy configuration
Port aggregation	Static aggregation
	LACP dynamic aggregation
Spanning tree	IEEE 802.1d STP (Spanning Tree Protocol)
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)
	Supports edge port
	Supports BPDU statistics
Multicast	IGMP Snooping V1/V2/V3
	Supports port fast leave
Port Mirroring	Supports N: 1 port mirroring
Quality of Service	SP (Strict Priority)
	SWRR (Simple Weighted Round Robin)
	WRR (Weighted Round Robin)
	Supports 802.1p port trust mode
	Supports DSCP port trust mode
	Supports a maximum of 8-queue service quality mapping

ACL	Supports MAC ACL and IP ACL
Loading and upgrade	Supports FTP/TFTP/HTTP upgrade
	Supports configuration import and export
Management and maintenance	Supports Telnet, Console
	Supports SNMP V1/V2/V3
	Supports WEB management and maintenance
	Supports Ping/Tracert/Connection Detection
	CPU Monitoring and memory monitoring

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TEG5328F-Tenda-24-Port-Gigabit-4xsfp-Layer-3-Rackmount-desktop-Switch-p-264227.php

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