



## TP-Link Omada TL-SG3428XF Juhitav L2+ 1U Must

Brand : TP-Link

Product family: Omada

Product code: SG3428XF

Product name : TL-SG3428XF



TP-Link Omada TL-SG3428XF. Lülitü tüüp: Juhitav, Lülitü kiht: L2+. Konsooli port: RJ-45/Micro-USB. MAC-aadresside tabel: 16000 sisestust, Lülitusvõime: 128 Gbit/s. Võrgustandardid: IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae,.... Toitepistik: Vahelduvvoolu sisendpesa. Püstikmontaaž, Toote kuju: 1U

Management features		Security	
Switch type *	Managed	Access Control List (ACL)	✓
Switch layer	L2+	IGMP snooping	✓
Quality of Service (QoS) support	✓	IGMP proxy	✓
Web-based management	✓	MAC address filtering	✓
Cloud-managed	✓	SSH/SSL support	✓
ARP inspection	✓	Loop protection	✓
Configuring Location Settings (CLI)	✓	BPDU filtering/protection	✓
System event log	✓	IP-MAC-Port binding	✓
MIB support	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925	Authentication	Auto VLAN, Guest VLAN, MAC-based authentication, Port-based authentication
<b>Ports &amp; interfaces</b>		Password protection	✓
Basic switching RJ-45 Ethernet ports type *	✗	Authentication type	AAA, RADIUS, TACACS+
Combo SFP ports quantity	4	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
SFP+ module slots quantity	4	<b>Multicast features</b>	
Fiber ports quantity	20	Multicast support	✓
Fiber optic connector	SFP, SFP+	Multicast Listener Discovery (MLD) snooping	✓
Console port	RJ-45/Micro-USB	<b>Protocols</b>	
Power connector	AC-in jack	Management protocols	SNMPv1/v2c/v3, SNMP
<b>Network</b>		GARP VLAN Registration Protocol (GVRP)	✓
Networking standards *	IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer
10G support *	✓	<b>Design</b>	
Port mirroring	✓	Rack mounting *	✓
IP routing	✓	Form factor	1U
Policy-based routing	✓	Product colour	Black
Routing entries	512	LED indicators	✓
Flow control support	✓	Number of fans	1 fan(s)
Link aggregation	✓	<b>Power</b>	
Broadcast storm control	✓	Power source *	AC
Rate limiting	✓	Power supply included *	✓
Spanning tree protocol	✓	Redundant power supply (RPS) support	✓
Head-of-line (HOL) blocking	✓	Number of power supply units	2
		Power consumption (max)	35.7 W

Network		Power over Ethernet (PoE)	
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Power over Ethernet (PoE) *	✗
Active link detection	✓	<b>Operational conditions</b>	
IPv4 routes	48	Operating temperature (T-T)	0 - 45 °C
IPv6 routes	48	Storage temperature (T-T)	-40 - 70 °C
VLAN support	✓	Operating relative humidity (H-H)	10 - 90%
Virtual LAN features	Port-based VLAN, Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN	Storage relative humidity (H-H)	5 - 90%
Number of VLANs	4000	Heat dissipation	121.81 BTU/h
Data transmission		Weight & dimensions	
Switching capacity *	128 Gbit/s	Width	440 mm
Forwarding rate	95.23 Mpps	Depth	220 mm
MAC address table *	16000 entries	Height	44 mm
Store-and-forward	✓	<b>Packaging content</b>	
Static route	✓	Cables included	AC
Number of static routes	48	Manual	✓
Jumbo frames support	✓	Rack mount kit	✓
Jumbo frames	9000		
Packet buffer memory	12 MB		
Security			
DHCP features	DHCP client, DHCP relay, DHCP server		



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