



TP-Link JetStream 28-Port Gigabit Smart PoE Switch with 24-Port PoE+

Brand : TP-Link

Product code: TL-SG2428P

Product name : JetStream 28-Port Gigabit Smart PoE Switch with 24-Port PoE+



24x 1G RJ-45, 4x 1G SFP, 56 Gbps, 41.7 Mpps, QoS, VLAN, 440x220x44 mm

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Realize More Possibilities with Omada

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Software Defined Networking (SDN) with Cloud Access

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.



Management features		Security	
Switch type *	Managed	BPDU filtering/protection	✓
Switch layer	L2/L2+	IP-MAC-Port binding	✓
Quality of Service (QoS) support	✓	Authentication type	RADIUS
Web-based management	✓	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
ARP inspection	✓	Multicast features	
System event log	✓	Multicast support	✓
MIB support	✓	Protocols	
Ports & interfaces		Management protocols	SNMPv1/v2c/v3, SNMP
Basic switching RJ-45 Ethernet ports quantity *	24	Design	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Rack mounting *	✓
Gigabit Ethernet (copper) ports quantity	24	Form factor	1U
SFP module slots quantity	4	Product colour	Black
Network		Number of fans	2 fan(s)
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Certification	CE, FCC, RoHS
10G support *	✗	Performance	
Copper ethernet cabling technology	10BASE-T, 1000BASE-T	Firmware upgradeable	✓
Cable types supported	Cat3, Cat4, Cat5, Cat5e	Power	
Port mirroring	✓	Power source *	AC
Flow control support	✓	Power supply included *	✓
Link aggregation	✓	AC input voltage	100 - 240 V
Broadcast storm control	✓	AC input frequency	50/60 Hz
Rate limiting	✓	Power consumption (max)	291.9 W
Spanning tree protocol	✓	Power over Ethernet (PoE)	
VLAN support	✓	Power over Ethernet (PoE) *	✓
		Power over Ethernet plus (PoE+) ports quantity	24
		Power over Ethernet (PoE) power per port	30 W
		Total Power over Ethernet (PoE) budget	250 W

Network		Operational conditions	
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN	Operating temperature (T-T)	0 - 50 °C
Number of VLANs	4000	Storage temperature (T-T)	-40 - 70 °C
Optical fiber		Operating relative humidity (H-H)	10 - 90%
Fiber ethernet cabling technology	1000BASE-X	Storage relative humidity (H-H)	5 - 90%
Data transmission		Heat dissipation	1052.94 BTU/h
Switching capacity *	56 Gbit/s	Weight & dimensions	
Forwarding rate	41.7 Mpps	Width	440 mm
MAC address table *	8000 entries	Depth	220 mm
Number of queues	8	Height	44 mm
Jumbo frames support	✓	Packaging data	
Jumbo frames	9000	Cables included	AC
Packet buffer memory	4.1 MB	User guide	✓
Security		Rack mount kit	✓
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client	Logistics data	
Access Control List (ACL)	✓	Harmonized System (HS) code	85176990
IGMP snooping	✓		
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS		
SSH/SSL support	✓		



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