



# 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

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

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	DHCP features	DHCP relay, DHCP server, DHCP snooping, DHCPv6 client
Switch layer	L2/L2+	Access Control List (ACL)	✓
Quality of Service (QoS) support	✓	IGMP snooping	✓
Web-based management	✓	Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS
ARP inspection	✓	Loop protection	✓
System event log	✓	BPDU filtering/protection	✓
Ports & interfaces		IP-MAC-Port binding	✓
Basic switching RJ-45 Ethernet ports quantity *	24	Authentication type	RADIUS
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
Fiber ports quantity	4	Multicast features	
Fiber optic connector	SFP	Multicast support	✓
Network		Design	
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	Rack mounting *	✓
10G support *	✗	Product colour	Black
Copper ethernet cabling technology	10BASE-T, 10BASE-TX	Number of fans	2 fan(s)
Cable types supported	Cat3, Cat4, Cat5, Cat5e	Certification	CE, FCC, RoHS
Port mirroring	✓	Performance	
Flow control support	✓	Firmware upgradeable	✓
Broadcast storm control	✓	Power	
Rate limiting	✓	Power consumption (max)	308.6 W
Auto MDI/MDI-X	✓	Power over Ethernet (PoE)	
Spanning tree protocol	✓	Power over Ethernet (PoE) *	✓
Auto-negotiation	✓	Power over Ethernet plus (PoE+) ports quantity	24
VLAN support	✓	Operational conditions	
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN	Operating temperature (T-T)	0 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 90%

<b>Network</b>		<b>Operational conditions</b>	
Number of VLANs	4000	Storage relative humidity (H-H)	5 - 90%
<b>Optical fiber</b>		Heat dissipation	1052.94 BTU/h
Fiber ethernet cabling technology	1000BASE-X	<b>Weight &amp; dimensions</b>	
<b>Data transmission</b>		Width	440 mm
Switching capacity *	56 Gbit/s	Depth	220 mm
Forwarding rate	41.7 Mpps	Height	44 mm
MAC address table *	8000 entries	<b>Packaging data</b>	
Number of queues	8	Cables included	AC
Jumbo frames support	✓	User guide	✓
Jumbo frames	9000	Rack mount kit	✓
		<b>Logistics data</b>	
		Harmonized System (HS) code	85176990



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