



# TP-Link JetStream 18-Port Gigabit Smart Switch with 16-Port PoE+

Brand : TP-Link

Product code: TL-SG2218P

Product name : JetStream 18-Port Gigabit Smart Switch with 16-Port PoE+



- 150 W PoE Budget: 16x 802.3at/af-compliant PoE+ ports with a total power supply of 150 W\*
  - Full Gigabit Ports: 16x gigabit PoE+ ports and 2x gigabit SFP Slots provide high-speed connections
  - Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring
  - Centralized Management: Cloud access and Omada app for ultra convenience and easy management
  - Static Routing: Helps route internal traffic for more efficient use of network resources
  - Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
  - Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping
  - IPv6: IPv6 support with dual IPv4/IPv6 stack, MLD snooping, IPv6 neighbor discovery
- 16x 10/100/1000 Mbps RJ45, PoE 150 W, 36 Gbps, 26.78 Mpps, 8K MAC, 9 KB Jumbo, 440 x 180 x 44 mm

Management features		Security	
Switch layer	L2/L2+	MAC address filtering	✓
Quality of Service (QoS) support	✓	Static port security	✓
Web-based management	✓	SSH/SSL support	✓
Cloud-managed	✓	Loop protection	✓
ARP inspection	✓	BPDU filtering/protection	✓
Configuring Location Settings (CLI)	✓	Authentication	MAC-based authentication, Port-based authentication
System event log	✓		
	MIB II (RFC1213), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support TP-Link private MIBs, RMON MIB(RFC1757, rmon 1,2,3,9)	Multicast features	
MIB support		Multicast support	✓
		Multicast features	Multicast forwarding
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	16	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Form factor	1U
		Product colour	Black
		LED indicators	✓
		Certification	CE, FCC, RoHS
Network		Power	
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 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Power source *	DC/PoE
10G support *	✗	Power supply included *	✓
IP routing	✓	AC input voltage	100 - 240 V
Policy-based routing	✓	AC input frequency	50/60 Hz
Flow control support	✓	Power over Ethernet (PoE)	
Link aggregation	✓	Power over Ethernet (PoE) *	✓
Broadcast storm control	✓	Total Power over Ethernet (PoE) budget	150 W
Rate limiting	✓	Operational conditions	
Auto MDI/MDI-X	✓	Operating temperature (T-T)	0 - 50 °C
Spanning tree protocol	✓	Storage temperature (T-T)	-40 - 70 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Auto-negotiation	✓	Storage relative humidity (H-H)	5 - 90%
VLAN support	✓	Weight & dimensions	
		Width	440 mm
		Depth	180 mm
		Height	44 mm
		Packaging data	
		Cables included	LAN (RJ-45)

**Data transmission**

Switching capacity *	26.78 Gbit/s
Forwarding rate	26.78 Mpps
MAC address table *	8000 entries
Jumbo frames support	✓
Jumbo frames	9

**Security**

DHCP features	DHCP client, DHCP relay, DHCP snooping
Access Control List (ACL)	✓

**Packaging data**

User guide	✓
Package type	Box



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