



TP-Link JetStream TL-SG2016P võrgulüüti L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet tugi Must

Brand : TP-Link

Product family: JetStream

Product code: TL-SG2016P

Product name : TL-SG2016P



TP-Link JetStream TL-SG2016P. Lüüti kiht: L2/L3/L4. RJ-45 Etherneti ühenduse pesade tüüp: Gigabit Ethernet (10/100/1000), RJ-45 Etherneti ühenduse pesade arv: 16. MAC-aadresside tabel: 8000 sisestust, Lülitusvõime: 16 Gbit/s. Võrgustandardid: IEEE 802.11w, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1x, IEEE 802.3ab, IEEE.... Alalisvoolu sisendpinge: 53.5 V. Toitepistmik: Alaldi sisendi pesa. Power over Ethernet tugi

| Management features | | Security | |
|---|---|--|--|
| Switch layer | L2/L3/L4 | MAC address entries | Dynamic MAC address entries, Static MAC address entries |
| Quality of Service (QoS) support | ✓ | Multicast features | |
| Web-based management | ✓ | Multicast support | ✓ |
| Cloud-managed | ✓ | Multicast Listener Discovery (MLD) snooping | MLD v1, MLD v2 |
| ARP inspection | ✓ | Protocols | |
| Configuring Location Settings (CLI) | ✓ | Supported network protocols | ICMP, TCPv6, UDPv6, Ping6, Tracert6, Telnet (v6), TFTP, TCP/UDP, DSCP/IP, SSLv3, TLS 1.2 |
| System event log | ✓ | GARP VLAN Registration Protocol (GVRP) | ✓ |
| MIB support | RFC1213, RFC1493, RFC2674, RFC2620, RFC2618, RFC2925, RFC1757 | IPv4 & IPv6 features | Dual stack IPv4/IPv6 |
| Ports & interfaces | | Design | |
| Basic switching RJ-45 Ethernet ports quantity * | 16 | Product colour | Black |
| Basic switching RJ-45 Ethernet ports type * | Gigabit Ethernet (10/100/1000) | Housing material | Metal |
| Power connector | DC-in jack | LED indicators | PoE, Power, System |
| Network | | Performance | |
| Networking standards * | IEEE 802.11w, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3x | Firmware upgradeable | ✓ |
| 10G support * | ✗ | Fanless | ✓ |
| Copper ethernet cabling technology | 10BASE-T, 100BASE-TX, 1000BASE-T | Minimum system requirements | Microsoft Windows 98SE, NT, 2000, XP, Vista, Windows 7/8/10/11, MAC OS, NetWare, UNIX, Linux |
| Cable types supported | Cat3, Cat4, Cat5, Cat5e | Power | |
| Port mirroring | ✓ | Power source * | DC/PoE |
| Flow control support | ✓ | DC input voltage | 53.5 V |
| Link aggregation | ✓ | Input current | 1.31 A |
| Broadcast storm control | ✓ | Power consumption (max) | 146.5 W |
| Rate limiting | ✓ | Power over Ethernet (PoE) | |
| Auto MDI/MDI-X | ✓ | Power over Ethernet (PoE) * | ✓ |
| Spanning tree protocol | ✓ | Power over Ethernet plus (PoE+) ports quantity | 8 |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Total Power over Ethernet (PoE) budget | 120 W |
| Auto-negotiation | ✓ | Operational conditions | |
| VLAN support | ✓ | Operating temperature (T-T) | 0 - 40 °C |
| Virtual LAN features | Multicast VLAN, Tagged VLAN, Voice VLAN | Storage temperature (T-T) | -40 - 70 °C |
| Number of VLANs | 4000 | Operating relative humidity (H-H) | 10 - 90% |

| Data transmission | | Operational conditions | |
|-----------------------------|---|---------------------------------|---------------|
| Switching capacity * | 16 Gbit/s | Storage relative humidity (H-H) | 5 - 90% |
| MAC address table * | 8000 entries | Heat dissipation | 499.98 BTU/h |
| Number of queues | 8 | Weight & dimensions | |
| Jumbo frames support | ✓ | Width | 286 mm |
| Jumbo frames | 9000 | Depth | 111.7 mm |
| Packet buffer memory | 4.1 MB | Height | 25.4 mm |
| Security | | Packaging content | |
| DHCP features | DHCP relay, DHCP snooping, DHCPv6 client, DHCPv6 snooping | Manual | ✓ |
| Access Control List (ACL) | ✓ | Packaging data | |
| IGMP snooping | ✓ | Package width | 227 mm |
| Security algorithms | EAP-MD5, HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSL/TLS | Package depth | 434 mm |
| MAC address filtering | ✓ | Package height | 70 mm |
| SSH/SSL support | ✓ | Package weight | 1.94 kg |
| BPDU filtering/protection | ✓ | Certificates | |
| IP-MAC-Port binding | ✓ | Certification | CE, FCC, RoHS |
| Authentication | Guest VLAN, MAC-based authentication, Port-based authentication | | |
| Queue scheduling algorithms | SP, Weighted Round Robin (WRR) | | |



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