

TP-LINK

## TL-SG2210MP

Kod: 00-00005297 · Switchlər



TP-Link TL-SG2210MP Omada 10-portlu gigabit smart switch – 8 PoE+ portu, 2 SFP yuvası və yüksək güc büdcəsi ilə IP cihazları və şəbəkə genişləndirmə üçün ideal həll

Qiymət, stok və sifariş üçün: [Məhsul səhifəsinə keçin →](https://eurotechnology.az/product/tp-link/tl-sg2210mp)  
<https://eurotechnology.az/product/tp-link/tl-sg2210mp>

### Texniki göstəricilər



**8 Port**

Port sayı



**Smart**

Tip



**1000mb/s**

Port sürəti

**Ətraflı məlumat**

|                                 |                                                                                                                                                                                                                                                                                                                                              |
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| <b>Standards and Protocols</b>  | IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p                                                                                                                                        |
| <b>Interface</b>                | <ul style="list-style-type: none"> <li>• 8× 10/100/1000 Mbps RJ45 Ports, all supporting PoE+ (Auto-Negotiation/Auto MDI/MDIX)</li> <li>• 2× 100/1000 Mbps SFP Slots</li> </ul>                                                                                                                                                               |
| <b>Network Media</b>            | <ul style="list-style-type: none"> <li>• 10BASE-T: UTP/STP category 3, 4, 5 cable (maximum 100m)</li> <li>• 100BASE-TX/1000Base-T: UTP/STP category 5, 5e or above cable (maximum 100m)</li> <li>• 100BASE-FX: MMF, SMF</li> <li>• 1000BASE-X: MMF, SMF</li> </ul>                                                                           |
| <b>Fan Quantity</b>             | 1                                                                                                                                                                                                                                                                                                                                            |
| <b>Physical Security Lock</b>   | Yes                                                                                                                                                                                                                                                                                                                                          |
| <b>Power Supply</b>             | 100-240V AC, 50/60Hz                                                                                                                                                                                                                                                                                                                         |
| <b>PoE Ports (RJ45)</b>         | <ul style="list-style-type: none"> <li>• Standard: 802.3at/af compliant</li> <li>• PoE+ Ports: 8 Ports</li> <li>• PoE Power Budget: 150 W*</li> </ul>                                                                                                                                                                                        |
| <b>Dimensions ( W x D x H )</b> | 11.6 x 7.1 x 1.7 in (294 x 180 x 44 mm)                                                                                                                                                                                                                                                                                                      |
| <b>Mounting</b>                 | Rackmount/Desktop                                                                                                                                                                                                                                                                                                                            |
| <b>Max Power Consumption</b>    | <ul style="list-style-type: none"> <li>• V1: 173.9 W (110 V/60 Hz) (with 150 W PD connected); 12.2 W (110 V/60 Hz) (no PD connected)</li> <li>• V2: 169.5 W (220 V/50Hz) (with 150 W PD connected)</li> <li>• V3: 175.3 W (110 V/60Hz) (with 150 W PD connected)</li> <li>• V4: 174.2 W (110V/60Hz) (with 150 W PD connected)</li> </ul>     |
| <b>Max Heat Dissipation</b>     | <ul style="list-style-type: none"> <li>• V1: 41.63 BTU/h (with no PD connected); 539.35 BTU/h (with 150 W PD connected)</li> <li>• V2: 578.42 BTU/hr (220V/50 Hz) (with 150 W PDconnected)</li> <li>• V3: 597.8 BTU/hr (110 V/60 Hz) (with 150 W PD connected)</li> <li>• V4: 594.46 BTU/hr (110V/60Hz) (with 150 W PD connected)</li> </ul> |
| <b>PERFORMANCE</b>              |                                                                                                                                                                                                                                                                                                                                              |
| <b>Switching Capacity</b>       | 20 Gbps                                                                                                                                                                                                                                                                                                                                      |

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| <b>Packet Forwarding Rate</b> | 14.9 Mpps                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MAC Address Table</b>      | 8K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Packet Buffer Memory</b>   | 4.1 Mbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Jumbo Frame</b>            | 9 KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>SOFTWARE FEATURES</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Quality of Service</b>     | <ul style="list-style-type: none"> <li>• 802.1p CoS/DSCP priority</li> <li>• 8 priority queues</li> <li>• Priority Schedule Mode</li> <li>- SP (Strict Priority)</li> <li>- WRR (Weighted Round Robin)</li> <li>• Queue Weight Config</li> <li>• Bandwidth Control</li> <li>- Port/Flow based Rating Limit</li> <li>• Smoother Performance</li> <li>• Storm Control</li> <li>- Multiple Control Modes(kbps/ratio)</li> <li>- Broadcast/Multicast/Unknown-Unicast Control</li> </ul> |

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| <b>L2 and L2+ Features</b> | <ul style="list-style-type: none"> <li>• DHCP Relay</li> <li>- DHCP VLAN Relay</li> <li>• DHCP L2 Relay</li> <li>• Link Aggregation</li> <li>- Static link aggregation</li> <li>- 802.3ad LACP</li> <li>- Up to 8 aggregation groups and up to 8 ports per group</li> <li>• Spanning Tree Protocol</li> <li>- 802.1D STP</li> <li>- 802.1w RSTP</li> <li>- 802.1s MSTP</li> <li>- STP Security: TC Protect, BPDU Filter/Protect, Root Protect</li> <li>• Loopback Detection</li> <li>• Flow Control</li> <li>- 802.3x Flow Control</li> <li>• Mirroring</li> <li>- Port Mirroring</li> <li>- CPU Mirroring</li> <li>- One-to-One</li> <li>- Many-to-One</li> <li>- Flow-Based</li> <li>- Ingress/Egress/Both</li> <li>• Device Link Detect Protocol (DLDP)</li> <li>• 802.1ab LLDP/ LLDP-MED</li> </ul> |
| <b>L2 Multicast</b>        | <ul style="list-style-type: none"> <li>• 511 IPv4, IPv6 shared multicast groups</li> <li>• IGMP Snooping</li> <li>- IGMP v1/v2/v3 Snooping</li> <li>- Fast Leave</li> <li>- IGMP Snooping Querier</li> <li>- Static Group Config</li> <li>• Multicast VLAN Registration (MVR)</li> <li>• Multicast Filtering</li> <li>• MLD Snooping</li> <li>- MLD v1/v2 Snooping</li> <li>- Fast Leave</li> <li>- MLD Snooping Querier</li> <li>- Static Group Config</li> <li>• Limited IP Multicast (256 profiles and 16 entries per profile)</li> </ul>                                                                                                                                                                                                                                                            |

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| <b>Advanced Features</b> | <ul style="list-style-type: none"><li>• Automatic Device Discovery</li><li>• Batch Configuration</li><li>• Batch Firmware Upgrading</li><li>• Intelligent Network Monitoring</li><li>• Abnormal Event Warnings</li><li>• Unified Configuration</li><li>• Reboot Schedule</li></ul> |
| <b>VLAN</b>              | <ul style="list-style-type: none"><li>• VLAN Group<ul style="list-style-type: none"><li>- Max. 4K VLAN Groups</li></ul></li><li>• 802.1Q tag VLAN</li><li>• MAC VLAN</li><li>• Protocol VLAN</li><li>• GVRP</li><li>• Voice VLAN</li></ul>                                         |

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| <b>Access Control List</b> | <ul style="list-style-type: none"> <li>• Support up to 230 entries</li> <li>• Time-Range               <ul style="list-style-type: none"> <li>- Time Slice</li> <li>- Week Time-Range</li> <li>- Absolute Time-Range</li> <li>- Holiday</li> </ul> </li> <li>• Time-based ACL</li> <li>• MAC ACL               <ul style="list-style-type: none"> <li>- Source MAC</li> <li>- Destination MAC</li> <li>- VLAN ID</li> <li>- User Priority</li> <li>- Ether Type</li> </ul> </li> <li>• IP ACL               <ul style="list-style-type: none"> <li>- Source IP</li> <li>- Destination IP</li> <li>- IP Protocol</li> <li>- TCP Flag</li> <li>- TCP/UDP Source Port</li> <li>- TCP/UDP Destination Port</li> <li>- DSCP/IP TOS</li> </ul> </li> <li>• IPv6 ACL</li> <li>• Combined ACL</li> <li>• Rule Operation               <ul style="list-style-type: none"> <li>- Permit/Deny</li> </ul> </li> <li>• Policy Action               <ul style="list-style-type: none"> <li>- Mirror</li> <li>- Rate Limit</li> <li>- Redirect</li> <li>- QoS Remark</li> </ul> </li> <li>• ACL Rules Binding               <ul style="list-style-type: none"> <li>- Port Binding</li> <li>- VLAN Binding</li> </ul> </li> <li>• Actions for flows               <ul style="list-style-type: none"> <li>- Mirror (to supported interface)</li> <li>- Redirect (to supported interface)</li> <li>- Rate Limit</li> <li>- QoS Remark</li> </ul> </li> </ul> |
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**Security**

- AAA
- 802.1X
  - Port based authentication
  - MAC (Host) based authentication
  - Authentication Method includes PAP/EAP-MD5
- MAB
- Guest VLAN
- Support Radius authentication and accountability
- IP/IPv6-MAC Binding
  - 512 Binding Entries
  - DHCP Snooping
  - DHCPv6 Snooping
  - ARP Inspection
  - ND Detection
- IP Source Guard
  - 253 Entries
  - Source IP+Source MAC
- IPv6 Source Guard
  - 183 Entries
  - Source IPv6 Address+Source MAC
- DoS Defend
- Static/Dynamic/Permanent Port Security
  - Up to 64 MAC addresses per port
- Broadcast/Multicast/Unicast Storm Control
  - kbps/ratio control mode
- Port Isolation
- Secure web management through HTTPS with SSLv3/TLS 1.2
- Secure Command Line Interface (CLI) management with SSHv1/SSHv2
- IP/Port/MAC based access control

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| <b>IPv6</b>                   | <ul style="list-style-type: none"> <li>• IPv6 Static Routing and ACL</li> <li>• IPv6 Dual IPv4/IPv6</li> <li>• IPv6 Interface</li> <li>• Multicast Listener Discovery (MLD) Snooping</li> <li>• IPv6 neighbor discovery (ND)</li> <li>• Path maximum transmission unit (MTU) discovery</li> <li>• Internet Control Message Protocol (ICMP)</li> </ul> <p>version 6</p> <ul style="list-style-type: none"> <li>• TCPv6/UDPv6</li> <li>• IPv6 applications</li> <li>- DHCPv6 Client</li> <li>- Ping6</li> <li>- Tracert6</li> <li>- Telnet(v6)</li> <li>- IPv6 SNMP</li> <li>- IPv6 SSH</li> <li>- IPv6 SSL</li> <li>- Http/Https</li> <li>- IPv6 TFTP</li> </ul> |
| <b>MIBs</b>                   | <ul style="list-style-type: none"> <li>• MIB II (RFC1213)</li> <li>• Bridge MIB (RFC1493)</li> <li>• P/Q-Bridge MIB (RFC2674)</li> <li>• Radius Accounting Client MIB (RFC2620)</li> <li>• Radius Authentication Client MIB (RFC2618)</li> <li>• Remote Ping, Traceroute MIB (RFC2925)</li> <li>• Support TP-Link private MIBs</li> <li>• RMON MIB(RFC1757, rmon 1,2,3,9)</li> </ul>                                                                                                                                                                                                                                                                            |
| <b>MANAGEMENT</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Omada App</b>              | <p>Yes, through</p> <ul style="list-style-type: none"> <li>• Omada Cloud-Based Controller (Not Supported by TL-SG2210MP v2)</li> <li>• OC300</li> <li>• OC200</li> <li>• Omada Software Controller</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Centralized Management</b> | <ul style="list-style-type: none"> <li>• Omada Cloud-Based Controller (Not Supported by TL-SG2210MP v2)</li> <li>• Omada Hardware Controller (OC300)</li> <li>• Omada Hardware Controller (OC200)</li> <li>• Omada Software Controller</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                               |

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| <b>Cloud Access</b>            | Yes, through <ul style="list-style-type: none"> <li>• Omada Cloud-Based Controller (Not Supported by TL-SG2210MP v2)</li> <li>• OC300</li> <li>• OC200</li> <li>• Omada Software Controller</li> </ul>                                                                                                                                                                                                                    |
| <b>Zero-Touch Provisioning</b> | Yes. Requiring the use of Omada Cloud-Based Controller (Supported by TL-SG2210MP v1, v3 and above, while is not supported by TL-SG2210MP v2)                                                                                                                                                                                                                                                                              |
| <b>Management Features</b>     | <ul style="list-style-type: none"> <li>• Web-based GUI</li> <li>• Command Line Interface (CLI) through telnet</li> <li>• SNMPv1/v2c/v3</li> <li>• SNMP Trap/Inform</li> <li>• RMON (1,2,3,9 groups)</li> <li>• SDM Template</li> <li>• DHCP/BOOTP Client</li> <li>• Dual Image, Dual Configuration</li> <li>• CPU Monitoring</li> <li>• Cable Diagnostics</li> <li>• EEE</li> <li>• SNTP</li> <li>• System Log</li> </ul> |
| <b>OTHERS</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Certification</b>           | CE, FCC, RoHS                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Package Contents</b>        | <ul style="list-style-type: none"> <li>• TL-SG2210MP</li> <li>• Power Cord</li> <li>• Installation Guide</li> <li>• Rackmount Kit</li> <li>• Rubber Feet</li> </ul>                                                                                                                                                                                                                                                       |
| <b>System Requirements</b>     | Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® or Linux.                                                                                                                                                                                                                                                                                                                   |
| <b>Environment</b>             | <ul style="list-style-type: none"> <li>• Operating Temperature: 0-50 °C (32-122 °F);</li> <li>• Storage Temperature: -40-70 °C (-40-158 °F)</li> <li>• Operating Humidity: 10-90% RH non-condensing</li> <li>• Storage Humidity: 5-90% RH non-condensing</li> </ul>                                                                                                                                                       |