



TP-Link TL-SG5412F | Switch | 12x SFP, 4x RJ45 1000Mb/s Combo, Rack, Managed



link to the product:

<https://www.batna24.com/gb/p/switches/tp-link-tl-sg5412f-switch-12x-sfp-4x-rj45-1000mb-s-combo-rack-managed>

Price: **939.60 zł** gross / 763.90 zł net



Manufacturer: TP-LINK

Referention number: DNXEDKMMLRMMKM

Full product description

Managed Gigabit switch

The TL-SL5428F switch for workgroups and departments provides a full range of management functions in Layer 2. The device allows you to set maximum throughput in the required place - for example, for workgroups on the edge of a network or as layers for grouping devices in enterprise networks. The powerful TP-Link switch is suitable for medium and large corporate networks where L2 management is required. The switch is equipped with 12 ports with speeds up to 1000 Mbps, so that other elements of the network, such as other switches, servers, disk drives and more, can be quickly connected. There are also four SFP ports that are connected to four RJ45 ports.

High switching efficiency

The TL-SG5412F manageable switch guarantees smooth switching of gigabit connections and a total switching capacity of 24Gb/s. It is equipped with 12 Gigabit SFP slots and 4 RJ45 combo ports. With its high switching capacity, the TL-SG5412F can significantly increase the throughput of your network.

Comprehensive security strategies

Access control lists (ACL, L2 to L4) restrict access to sensitive network resources, excluding packets based on source and destination MAC addresses, IP addresses, TCP / UDP ports, and even VLAN identifiers. This operation is provided by the hardware and therefore switching performance will not be affected in any way. TL-SG5412F supports 802.1x authentication, which is used in conjunction with a RADIUS server to require specific credentials before allowing network access. In addition, the Guest VLAN feature allows access to certain network resources as well as clients other than 802.1x. In addition, the IP-MAC-Port-VID link, port security, overload protection, DHCP Snooping and IP Source Guard provide protection against network overload, ARP and DoS attacks etc. TL-SG5412F provides protection against typical DoS attacks. . You can defend yourself against these attacks much easier than before. The TL-SG5412F provides strong security for your network.



Optimized voice and video applications

The TL-SG5412F uses Quality of Service (QoS) principles to integrate voice, data and video services into one network. The administrator can prioritize traffic in several ways, such as IP and MAC addresses, TCP or UDP port numbers, etc., to ensure that voice and video applications run smoothly and seamlessly at all times. In combination with VLAN support, voice applications will work much more efficiently. For other multimedia applications, such as IPTV, the TL-SG5412F offers advanced features for easy streaming management. **IGMP Snooping** ensures that the switch intelligently transmits the multicast stream only to the relevant subscribers, while **IGMP Throttling & Filtering** limits each subscriber to a port level to prevent unauthorized access to the multicast stream.