



TP-Link TL-SG1016DE | Switch | 16x RJ45 1000Mb/s, Rack, Unmanaged



link to the product:

<https://www.batna24.com/gb/p/switches/tp-link-tl-sg1016de-switch-16x-rj45-1000mb-s-rack-unmanaged>

Price: **398.19 zł** gross / 323.73 zł net



Manufacturer: TP-LINK

Referention number: DNXEDKORDRMMIO

Product features

Storage relative humidity (H-H)	5 - 90%
Power source	mains electricity
Height	44 mm
LED indicators	Yes
Width	284 mm
Depth	180 mm
Auto-negotiation	Yes
Virtual LAN features	Port-based VLAN
Packet buffer memory	0.512 MB
Storage temperature (T-T)	-40 to 70 °C
Cables included	AC
Rack mounting	Yes
Compliance certificates	CE
Power consumption (max)	19.15 W
Rate limiting	Yes
Package weight	1910 g
Humidity measurement range	10 - 90%
Switching capacity	32 Gb/s
Networking standards	IEEE 802.1p
Switch type	Managed
10G support	No
Auto MDI/MDI-X	Yes

Number of VLANs	32
Broadcast storm control	Yes
Operating temperature (T-T)	0 – 40 °C
Package depth	400 mm
Package height	80 mm
Heat dissipation	34.52 British thermal unit per hour
Package width	250 mm
Quality of Service (QoS) support	Yes
Package type	Box
Rack mount kit	Yes
VLAN support	Yes
Link aggregation	Yes
User guide	Yes
IGMP snooping	Yes
Flow control support	Yes
Port mirroring	Yes
Resource CD	Yes
Jumbo frames	9000
Jumbo frames support	Yes
MAC address table	8000 entries
Power supply included	Yes
Power over Ethernet (PoE)	No
AC input frequency	50 Hz
Number of queues	4
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	16
Maximum cable length	100 m
Cable types supported	Cat3
Store-and-forward	Yes
Copper ethernet cabling technology	1000BASE-T
Product colour	Black
Power connector	AC-in jack
Switch layer	L2+
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Watch case material	Metal
Basic switching RJ-45 Ethernet ports quantity	16
Operating system	Windows
Sustainability compliance	Yes

Full product description

Easy Smart Switch TL-SG1016DE

The **Easy Smart Switch TL-SG1016DE** is a device designed for small and medium enterprises where basic functions of local network management are required. Thanks to the **Port Mirroring, Loop Prevention and Cable Status Diagnostics** functions, the administrator can easily monitor network traffic. To optimize business network traffic, the TL-SG1016DE switch offers a **QoS** function based on both ports and tags that ensures a smooth and interference-free transfer.



Simple and effective management

The Easy Smart Switch TL-SG1016DE has easy-to-use second layer management functions such as port mirroring, loop prevention and port status diagnostics. With these features, the TL-SG1016DE identifies and locates problems that may occur in the network. Support for **QoS** based on ports or 802.1p tagging can be used by administrators to ensure smooth voice or video transmission. Whereas support for **VLAN** based on ports, **tagging** and TU (easy uplink port configuration) increases network performance and security. The TL-SG1016DE managed switch provides much more functionality than unmanaged switches and is a cost-effective, easy-to-use solution for your network.



Environmentally friendly network

By creating a gigabit Ethernet network, you can now choose an environmentally friendly solution. The TL-SG1016DE is based on technology that allows you to use high bandwidth networks with high energy savings. It automatically adjusts the required power consumption depending on the connection status and cable length, thus reducing power consumption. Traditional network switches consume a significant amount of power for the ports even when connected devices are switched off, while the TL-SG1016DE automatically detects the connection status of each port, reducing the power consumption of inactive ports.



Energy consumption depending on cable length

The use of shorter cables should theoretically reduce energy consumption due to lower energy losses over their length. However, most devices consume the same amount of energy, regardless of the cable length. The TL-SG1016DE analyzes the length of the cables connected to it and adjusts the amount of energy used by the ports accordingly.



Easy to operate

The TL-SG1016DE switch is easy to use and install. Thanks to **MDI/MDIX** function it is not necessary to use crossed cables. **Automatically negotiated** connections detect the speed of the connected device on each port (10, 100 or 1000 Mb/s), ensuring the best transmission performance. The small dimensions make the device takes up little space and the included components allow for easy and safe installation in a rack.... **LEDs** display information about the current status of each port for easy diagnostics of connections.

