

# Omada Unmanaged Switch | Datasheet

## DS1016G

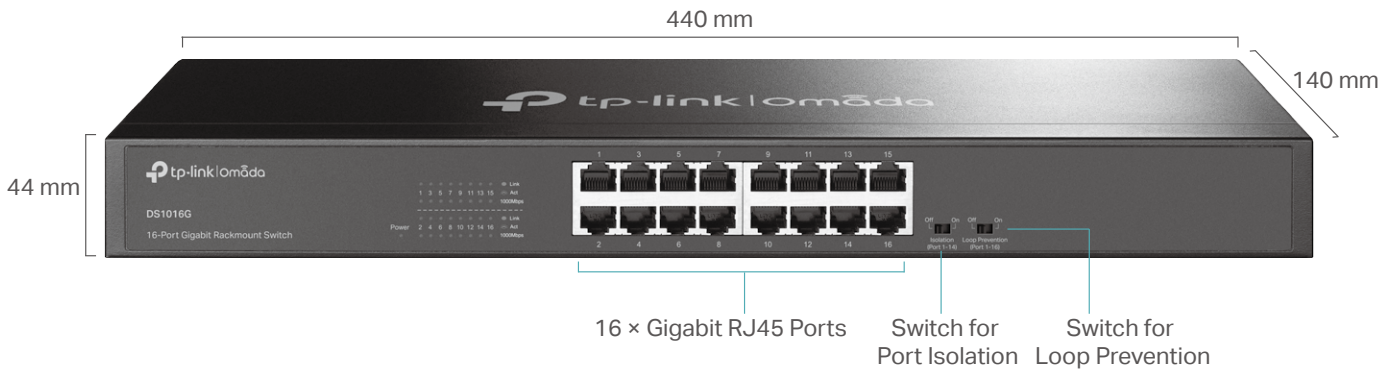
Omada 16-Port Gigabit Unmanaged Rackmount Switch



## Highlights

- 16× 10/100/1000Mbps RJ45 ports
- Innovative energy-efficient technology saves power consumption
- Supports MAC address self-learning and auto MDI/MDIX
- Standard 19-inch rack-mountable steel case
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Monitor and address loop-related issues within your network structure to prevent disruptions caused by looping
- Plug and Play. No configuration or central management required.

# Product Pictures



# Specifications

Model	DS1016G
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p
Interface	<ul style="list-style-type: none"> <li>• 16× 10/100/1000Mbps RJ45 Ports</li> <li>• AUTO Negotiation/AUTO MDI/MDIX</li> </ul>
Network Media	<ul style="list-style-type: none"> <li>• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)</li> <li>• 100BASE-TX: UTP category 5 or above cable (maximum 100m)</li> <li>• 1000BASE-T: UTP category 5e or above cable (maximum 100m)</li> </ul>
Power Supply	100–240 VAC, 50/60 Hz
Max Power Consumption	10.68 W (220 V / 50 Hz)
Max Heat Dissipation	36.31 BTU/h
Fan Quantity	Fanless
Mounting	Rack Mountable
Physical Security Lock	Yes
Transmission Method	Store-And-Forward
Switching Capacity	32 Gbps
MAC Address Table	8K
Packet Forwarding Rate	23.8 Mpps
Jumbo Frame	10 KB
Advanced Features	<ul style="list-style-type: none"> <li>• Isolation Mode: Ports 1-14</li> <li>• Loop Prevention: Ports 1-16</li> <li>• 802.1P/DSCP QoS</li> <li>• Green Ethernet technology</li> </ul>
Dimensions ( W x D x H )	17.3 × 5.5 × 1.7 in (440 × 140 × 44 mm)
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Cord, Installation Guide, Rackmount Kit, Rubber Feet
Environment	<ul style="list-style-type: none"> <li>• Operating Temperature: 0–40 °C (32–104 °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>

## Disclaimer

Omada Unmanaged Switches do not support Omada SDN central management.

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