

# Omada Unmanaged Switch | Datasheet

## DS1008X

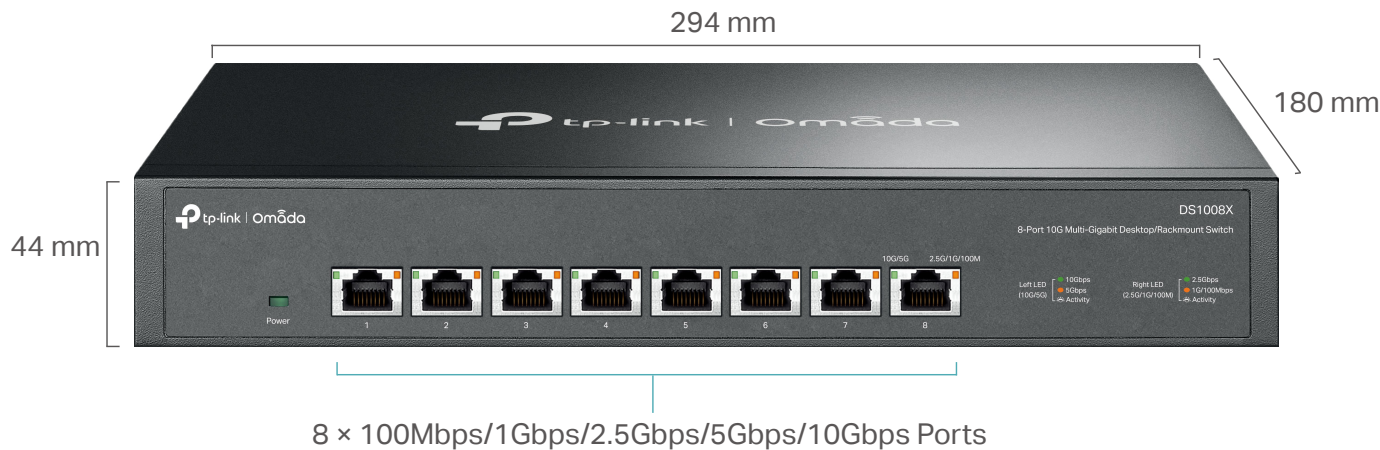
Omada 8-Port 10G Multi-Gigabit Desktop/Rackmount Switch



## Highlights

- **Eight 10 Gbps Ports.** 8× 10-Gigabit ports unlock the highest performance of your 10G/Multi-Gig bandwidth and devices, and provide up to 160 Gbps of switching capacity.
- **Lightning-Fast Connections.** Provides lightning-fast connections to 10G NAS, Server, 10G PCIe Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 7/6E/6 AP, 8K video, and more.
- **Ideal for Various Scenarios.** Built for lightning-fast connections in business and home offices, workstations, LAN parties, and home entertainment.
- **Optimal 5-Speed Connections.** Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections provide optimal performance.
- **Plug and Play.** No configuration or central management required.\*

# Product Pictures



# Specifications

|                          |                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                    | DS1008X                                                                                                                                                                                                                                                                                    |
| Standards                | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3an, IEEE 802.3x, IEEE 802.1p                                                                                                                                                                                                |
| Interface                | <ul style="list-style-type: none"><li>• 8x 100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps Ports</li><li>• AUTO Negotiation/AUTO MDI/MDIX</li></ul>                                                                                                                                                     |
| Network Media            | <ul style="list-style-type: none"><li>• 100BASE-TX: UTP category 5 or above cable (maximum 100m)</li><li>• 1000BASE-T/2.5GBASE-T/5GBASE-T: UTP category 5e or above cable (maximum 100m)</li><li>• 10GBASE-T: UTP category 6 (maximum 55 m), STP category 6/6a/7 (maximum 100 m)</li></ul> |
| External Power Supply    | 100–240 VAC, 50/60 Hz, 0.8A                                                                                                                                                                                                                                                                |
| Max Power Consumption    | 34.6 W                                                                                                                                                                                                                                                                                     |
| Max Heat Dissipation     | 117.64 BTU/h                                                                                                                                                                                                                                                                               |
| MTBF                     | 3768170h @ 25°C                                                                                                                                                                                                                                                                            |
| Fan Quantity             | 1                                                                                                                                                                                                                                                                                          |
| Noise                    | Min: 33.9 dBA @ 1m 25 °C<br>Max: 35.3 dBA @ 1m 25 °C                                                                                                                                                                                                                                       |
| Transmission Method      | Store-And-Forward                                                                                                                                                                                                                                                                          |
| Switching Capacity       | 160 Gbps                                                                                                                                                                                                                                                                                   |
| MAC Address Table        | 16K                                                                                                                                                                                                                                                                                        |
| Packet Forwarding Rate   | 119.04 Mpps                                                                                                                                                                                                                                                                                |
| Packet Buffer Memory     | 12 Mbit                                                                                                                                                                                                                                                                                    |
| Jumbo Frame              | 12 KB                                                                                                                                                                                                                                                                                      |
| Advanced Features        | <ul style="list-style-type: none"><li>• 802.3X Flow Control</li><li>• 802.1p/DSCP QoS</li><li>• IGMP Snooping V1/V2/V3</li></ul>                                                                                                                                                           |
| Dimensions ( W x D x H ) | 11.6×7.1×1.7 in (294×180×44 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: 0–50 °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>                              |

## Disclaimer

\*Omada Unmanaged Switches do not support Omada SDN central management.

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