



# OS2108

## 8-Port Gigabit Switch

8x10/100/1000Base-T (RJ-45), plastic casing, desktop/wall mounting



OS2108 is a switch with 8 x 10/100/1000Base-T ports in compact plastic casing, supporting wall mounting.

The ORIGO OS2108 switch is an affordable gigabit solution for extending home wired network and connecting small workgroups on enterprises, in offices, classrooms and medical facilities.

The OS2108 switch requires no configuration and is ready for operation immediately after connecting power. Auto MDI/MDIX adjustment and auto speed negotiation support allows the switch to detect Ethernet cable type and connect devices at maximum possible connection speed for each device – 10, 100 or 1000 Mbps.

### Key Features

- 8 x 10/100/1000 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- IEEE 802.3x Flow Control
- Energy Saving function
- Compact and noise-free
- Wall mountable
- No configuration required



## Specifications

### Hardware

Chipset	<ul style="list-style-type: none"><li>• EN8851FU</li></ul>
Interfaces	<ul style="list-style-type: none"><li>• 8 x 10/100/1000Base-T (RJ-45) ports</li></ul>
Standards and Functions	<ul style="list-style-type: none"><li>• IEEE 802.3 10Base-T</li><li>• IEEE 802.3u 100Base-TX</li><li>• IEEE 802.3ab 1000Base-T</li><li>• IEEE 802.3x (Flow Control)</li><li>• IEEE 802.3az Energy-Efficient Ethernet</li><li>• Automatic negotiation of speed and duplex mode</li><li>• Auto MDI/MDIX adjustment</li></ul>
Data Rate	<ul style="list-style-type: none"><li>• Gigabit Ethernet: 2000 Mbps (full duplex)</li><li>• Fast Ethernet: 100 Mbps (half duplex) 200 Mbps (full duplex)</li><li>• Ethernet: 10 Mbps (half duplex) 20 Mbps (full duplex)</li></ul>
LEDs	<ul style="list-style-type: none"><li>• Power<ul style="list-style-type: none"><li>- On – Power on state</li><li>- Off – Power off state</li></ul></li><li>• Link/Act (ports 1 – 8)<ul style="list-style-type: none"><li>- Always bright – Terminal device connected</li><li>- Blinking – Data pass</li><li>- Off – No connection</li></ul></li></ul>
Ventilation System	<ul style="list-style-type: none"><li>• Fanless</li></ul>
Power	<ul style="list-style-type: none"><li>• Connector for connecting the DC power adapter</li></ul>
Casing	<ul style="list-style-type: none"><li>• Plastic</li></ul>
Mounting	<ul style="list-style-type: none"><li>• Desktop</li><li>• Wall</li></ul>



## Performance

Switching Capacity	• 16 Gbps
Transfer Mode	• Store-and-forward
MAC Address Table Size	• 8K entries
Packet Forwarding Rate	• 11.9 Mpps
Packet Buffer	• 512 KB
Jumbo Frame	• 15 KB

## Physical Parameters

Dimensions (W × D × H)	• 143 x 72.7 x 26.9 mm
Weight	• 0.12 kg
Package Dimensions	• 16.3 x 7.9 x 6.2 cm
Gross Weight	• 0.24 kg

## Operating Conditions

Power Input	• Power adapter: - Input: 100-240 V AC, 50/60 Hz - Output: 5 V DC, 1 A
Power Consumption	• 2.72 W
Temperature	• Operating: 0 to 45 °C • Storage: -40 to 70 °C
Humidity	• Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing)

## Package Contents

Package Contents	• OS2108 Switch • Power Adapter • Quick Installation Guide
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**Order Info**

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Switch, 8x1000Base-T, plastic casing

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