



# OS1216

## 16-Port 100Mbps Switch

16x10/100Base-TX, metal casing, desktop installation



OS1216 is a switch with 16 x 10/100 Mbps ports in metal casing for desktop installation.

The ORIGO OS1216 switch is a simple and reliable solution for connecting workgroups on enterprises, in offices, educational and medical facilities.

The OS1216 switch requires no configuration and is ready for operation immediately after connecting power. All ports support auto speed negotiation.

Auto MDI/MDIX adjustment allows the switch to adapt to any type of Ethernet cable – straight-through or crossover.

### Key Features

- 16 x 10/100 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- IEEE 802.3x Flow Control
- Durable metal casing for desktop installation
- Noise-free operation
- No configuration required



## Specifications

### Hardware

Chipset	<ul style="list-style-type: none"><li>• IP1717</li></ul>
Interfaces	<ul style="list-style-type: none"><li>• 16 x 10/100Base-TX (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 802.3x (Flow Control)</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>• Fast Ethernet:<ul style="list-style-type: none"><li>100 Mbps (half duplex)</li><li>200 Mbps (full duplex)</li></ul></li><li>• Ethernet:<ul style="list-style-type: none"><li>10 Mbps (half duplex)</li><li>20 Mbps (full duplex)</li></ul></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 – 16)<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>
Power	<ul style="list-style-type: none"><li>• Power connector (AC)</li></ul>
Ventilation System	<ul style="list-style-type: none"><li>• Fanless</li></ul>
Casing	<ul style="list-style-type: none"><li>• Metal</li></ul>
Mounting	<ul style="list-style-type: none"><li>• Desktop</li></ul>
<b>Performance</b>	
Switching Capacity	<ul style="list-style-type: none"><li>• 3.2 Gbps</li></ul>
Transfer Mode	<ul style="list-style-type: none"><li>• Store-and-forward</li></ul>



MAC Address Table Size	<ul style="list-style-type: none"><li>• 4K entries</li></ul>
Packet Forwarding Rate	<ul style="list-style-type: none"><li>• 2.52 Mpps</li></ul>
Packet Buffer	<ul style="list-style-type: none"><li>• 160 KB</li></ul>
Jumbo Frame	<ul style="list-style-type: none"><li>• 1596 bytes</li></ul>

### Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none"><li>• 200 x 117 x 43 mm</li></ul>
Weight	<ul style="list-style-type: none"><li>• 0.62 kg</li></ul>
Package Dimensions	<ul style="list-style-type: none"><li>• 27.15 x 24.5 x 6.82 cm</li></ul>
Gross Weight	<ul style="list-style-type: none"><li>• 0.92 kg</li></ul>

### Operating Conditions

Power Input	<ul style="list-style-type: none"><li>• 100-240 V AC, 50/60 Hz</li></ul>
Power Consumption	<ul style="list-style-type: none"><li>• 6 W</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Operating: 0 to 45 °C</li><li>• Storage: -40 to 70 °C</li></ul>
Humidity	<ul style="list-style-type: none"><li>• Operating: 10% to 90% (non-condensing)</li><li>• Storage: 5% to 90% (non-condensing)</li></ul>

### Package Contents

Package Contents	<ul style="list-style-type: none"><li>• OS1216 Switch</li><li>• Power Cord</li><li>• Quick Installation Guide</li></ul>
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### Order Info

OS1216	Switch, 16x100Base-TX
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