



OS1116

16-Port 100Mbps Switch

16x10/100Base-TX, plastic casing, desktop/wall mounting



OS1116 is a switch with 16 x 10/100 Mbps ports in plastic casing, supporting wall mounting.

The ORIGO OS1116 switch is a simple and affordable solution for connecting end users to Small Medium Business (SMB) network, in offices, educational and medical facilities.

The switch requires no configuration and is ready for operation immediately after connecting power.

All ports support auto MDI/MDIX adjustment and detect the type of connected cable automatically. Auto negotiation function allows the switch to select maximum possible connection speed for connected device and activate duplex mode.

The fanless ventilation system provides noise-free operation of the switch, that allows you to place it in close proximity to working places.

Key Features

- 16 x 10/100 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- Energy Saving function
- LEDs on top panel for convenient monitoring of network operation
- Compact and noise-free
- Wall mountable
- No configuration required

Specifications

Hardware

Chipset	<ul style="list-style-type: none"> • IP1717B
Interfaces	<ul style="list-style-type: none"> • 16 x 10/100Base-TX (RJ-45) ports
Standards and Functions	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3x (Flow Control) • IEEE 802.3az Energy-Efficient Ethernet • Automatic negotiation of speed and duplex mode • Auto MDI/MDIX adjustment
Data Rate	<ul style="list-style-type: none"> • Fast Ethernet: <ul style="list-style-type: none"> 100 Mbps (half duplex) 200 Mbps (full duplex) • Ethernet: <ul style="list-style-type: none"> 10 Mbps (half duplex) 20 Mbps (full duplex)
LEDs	<ul style="list-style-type: none"> • Power <ul style="list-style-type: none"> - On – Power on state - Off – Power off state • Link/Act (ports 1 – 16) <ul style="list-style-type: none"> - Always bright – Terminal device connected - Blinking – Data pass - Off – No connection
Ventilation System	<ul style="list-style-type: none"> • Fanless
Power	<ul style="list-style-type: none"> • Connector for connecting the DC power adapter
Casing	<ul style="list-style-type: none"> • Plastic
Mounting	<ul style="list-style-type: none"> • Desktop • Wall
Performance	
Switching Capacity	<ul style="list-style-type: none"> • 3.2 Gbps
Transfer Mode	<ul style="list-style-type: none"> • Store-and-forward



MAC Address Table Size	• 4K entries
Packet Forwarding Rate	• 2.52 Mpps
Packet Buffer	• 160 KB
Jumbo Frame	• 1596 bytes

Physical Parameters

Dimensions (W × D × H)	• 138 x 103 x 35 mm
Weight	• 220 g
Package Dimensions	• 16 x 11 x 7 cm
Gross Weight	• 0.38 kg

Operating Conditions

Power Input	• Power adapter: - Input: 100-240 V AC, 50/60 Hz - Output: 5 V DC, 1 A
Power Consumption	• 5.2 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	• OS1116 Switch • Power Adapter • Quick Installation Guide
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Order Info

OS1116	Switch, 16x100Base-TX, plastic casing
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