



OS2205

5-Port Gigabit Switch

5x10/100/1000Base-T (RJ-45), metal casing, desktop installation



OS2205 is a switch with 5 x 10/100/1000Base-T ports in metal casing for desktop installation.

The ORIGO OS2205 switch is an affordable gigabit solution for extending home wired network and connecting small workgroups on enterprises, in offices, classrooms and medical facilities.

The OS2205 switch is designed in a durable metal casing, provides noise-free operation and requires no configuration. When connecting client devices, the switch selects maximum possible connection speed automatically – 10, 100 or 1000 Mbps – and activates duplex mode. Auto MDI/MDIX adjustment allows the switch to adapt to any type of Ethernet cable – straight-through or crossover.

The OS2205 switch also supports IGMP Snooping and 802.1p (QoS) traffic prioritization, providing low latency performance for time sensitive applications, including IPTV, VoIP and online gaming.

Key Features

- 5 x 10/100/1000 Mbps (RJ-45) ports with auto speed negotiation
- Auto MDI/MDIX adjustment
- IEEE 802.3x Flow Control
- Energy Saving function
- Noise-free operation
- Durable metal casing
- Compact desktop design
- No configuration required



Specifications

Hardware

Chipset	• EN8855H
Interfaces	• 5 x 10/100/1000Base-T (RJ-45) ports
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3x (Flow Control) • IEEE 802.3az Energy-Efficient Ethernet • Automatic negotiation of speed and duplex mode • IEEE 802.1p QoS • IGMP Snooping • Auto MDI/MDIX adjustment
Data Rate	• Gigabit Ethernet: 2000 Mbps (full duplex) • Fast Ethernet: 100 Mbps (half duplex) 200 Mbps (full duplex) • Ethernet: 10 Mbps (half duplex) 20 Mbps (full duplex)
LEDs	• Power - On – Power on state - Off – Power off state • Link/Act (ports 1 – 5) - Always bright – Terminal device connected - Blinking – Data pass - Off – No connection
Ventilation System	• Fanless
Power	• Connector for connecting the DC power adapter
Casing	• Metal
Mounting	• Desktop



Performance

Switching Capacity	• 10 Gbps
Transfer Mode	• Store-and-forward
MAC Address Table Size	• 8K entries
Packet Forwarding Rate	• 7.44 Mpps
Packet Buffer	• 512 KB
Jumbo Frame	• 15 KB

Physical Parameters

Dimensions (W × D × H)	• 100 x 65 x 23 mm
Weight	• 140 g
Package Dimensions	• 11 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	• Max.: 1.2 W
Temperature	• Operating: 0 to 40 °C • Storage: -40 to 70 °C
Humidity	• Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing)

Package Contents

Package Contents	• OS2205 Switch • Power Adapter • Quick Installation Guide
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Order Info

OS2205	Switch, 5x1000Base-T
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