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OS2208

8-Port Gigabit Switch

8x10/100/1000Base-T (RJ-45), metal casing, desktop installation

OS2208 is a gigabit switch with 8 x 10/100/1000Base-T ports in metal casing for desktop installation.

The ORIGO OS2208 switch is an affordable gigabit solution for extending home wired network and connecting small workgroups on enterprises, in offices, classrooms and medical facilities.

The OS2208 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.

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
- Noise-free operation
- Durable metal casing
- Compact desktop design
- No configuration required

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Specifications

Hardware

Chipset	• EN8851FU
Interfaces	• 8 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 • 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 – 8)
	  - 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

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Performance

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

Physical Parameters

Dimensions (W × D × H)	• 150 x 70 x 23 mm

Operating Conditions

Power Input	• Power adapter:
	  - Input: 100-240 V AC, 50/60 Hz
	  - Output: 5 V DC, 1 A

Power Consumption	• Max.: 5 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	• OS2208 Switch • Power Adapter • Quick Installation Guide

Order Info

OS2208	Switch, 8x1000Base-T