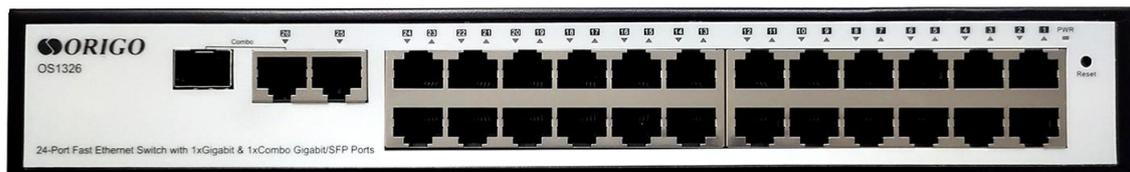




OS1326

24-Port Fast Ethernet L2 Managed Switch with 1xGigabit and 1xCombo Gigabit/SFP Ports

24x10/100Base-TX, 1x10/100/1000Base-T, 1xCombo 1000Base-T/SFP, 19" rack mounting



The ORIGO OS1326 is a managed L2 switch with 24x100Base-TX ports, 1x1000Base-T uplink and 1xCombo 1000Base-T/SFP uplink.

The OS1326 switch provides reliable access-layer connectivity, combining performance, simplicity, and affordability to meet the needs of SMBs, public institutions, and educational networks.

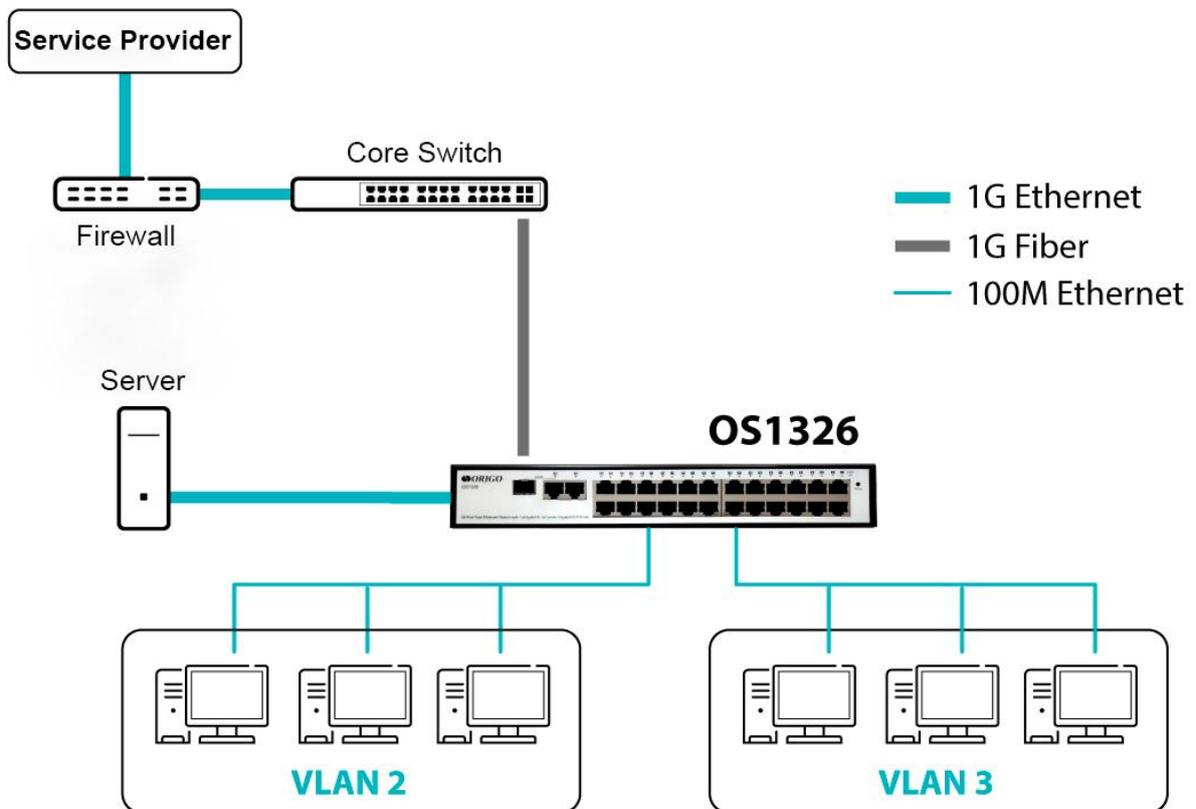
Designed with the features most organizations rely on, the OS1326 offers port-based and 802.1Q VLAN for traffic segmentation, link aggregation for higher throughput, loop detection, QoS, and IGMP Snooping for efficient multicast performance. The switch also provides STP/RSTP/MSTP protocols to enhance fault tolerance and redundancy, ensuring stable and resilient network operation.

The switch can be managed through a Web-based UI, SNMP, or a compact CLI, making it an excellent choice for networks that need cost-effective performance with essential manageability.

Key Features

- 24x10/100 Mbps RJ-45 ports with Auto-Negotiation
- 1x10/100/1000Base-T (RJ-45) uplink
- 1x 1000Base-T/SFP combo uplink
- MAC Address Table: 16K
- Port-based / 802.1Q VLAN
- QoS providing traffic prioritization
- Loopback Detection
- IGMP / MLD Snooping for multicast traffic management
- Management via Web UI, compact CLI, SNMP
- 19" rack mounting

Application Diagram



Specifications

Hardware

CPU and Memory	<ul style="list-style-type: none"> • CPU: IP1829A • RAM: 512 KB • Flash: 16 MB
Interface	<ul style="list-style-type: none"> • 24x10/100Base-TX (RJ-45) • 1x10/100/1000Base-T (RJ-45) • 1xCombo 100/1000Base-T/SFP
Standards and Functions	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3z 1000Base-X • IEEE 802.3ad (Link Aggregation) • IEEE 802.1Q (VLAN) • IEEE 802.3x (Flow Control) • IEEE 802.3az Energy-Efficient Ethernet



	<ul style="list-style-type: none">• Auto-Negotiation• Auto MDI/MDIX on all copper ports
LEDs	<ul style="list-style-type: none">• Power<ul style="list-style-type: none">- On – power on state- Off – power off state• Link/Act (port 1 – 26)<ul style="list-style-type: none">- Always bright – terminal device is connected- Flicker – data pass- Off – no connection
Ventilation	<ul style="list-style-type: none">• Fanless
Power	<ul style="list-style-type: none">• Power input (AC)
Button	<ul style="list-style-type: none">• Reset
Housing	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop• 19" rackmount

Performance

Switching Capacity	<ul style="list-style-type: none">• 8.8 Gbps
Packet Forwarding Rate	<ul style="list-style-type: none">• 6.55 Mpps
Transfer Mode	<ul style="list-style-type: none">• Store-and-forward
MAC Address Table	<ul style="list-style-type: none">• 16K entries
Packet Buffer	<ul style="list-style-type: none">• 512 KB

Software

L2 Features	<ul style="list-style-type: none">• 802.3ad Link Aggregation<ul style="list-style-type: none">- Max 5 groups per device / 4 ports per group• Port Mirroring• Loopback Detection• Spanning Tree Protocol<ul style="list-style-type: none">- 802.1D STP- 802.1w RSTP- 802.1s MSTP• LLDP
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L2 Multicast	<ul style="list-style-type: none">• IGMP Snooping<ul style="list-style-type: none">- IGMP Snooping v1/v2/v3- Supports up to 256 groups• MLD Snooping<ul style="list-style-type: none">- MLD Snooping v1/v2
VLAN	<ul style="list-style-type: none">• Max. VID: 4095• Port-based• 802.1Q tagged VLAN• Double VLAN (Q-in-Q)<ul style="list-style-type: none">- Port-based Q-in-Q• Voice VLAN
QoS	<ul style="list-style-type: none">• CoS based on:<ul style="list-style-type: none">- Switch port- 802.1p- DSCP- ACL- IGMP- IP Address- MAC Address- VID- TCP/UDP Port• 8 Queues per Port• Queue Handling<ul style="list-style-type: none">- Strict Priority (SP)- Weighted Round Robin (WRR)- Weighted Fair Queuing (WFQ)
Security	<ul style="list-style-type: none">• Network Storm Control• DoS Attack Prevention• IP-MAC-Port Binding (IMPB)
Access Control Lists (ACL)	<ul style="list-style-type: none">• ACL based on:<ul style="list-style-type: none">- MAC Address- IPv4/IPv6 Address- DSCP- Ether type



AAA	<ul style="list-style-type: none">• 802.1X<ul style="list-style-type: none">- Host-based Access Control- Port-based Access Control• RADIUS Server
Management	<ul style="list-style-type: none">• Web-based UI• Compact CLI• SNMP v1/v2c/v3• DHCP relay agent

Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 290 x 179 x 44 mm
Weight	<ul style="list-style-type: none">• 1.3 kg
Package Size	<ul style="list-style-type: none">• 35 x 27.2 x 9.1 cm
Gross Weight	<ul style="list-style-type: none">• 1.87 kg

Operating Conditions

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

Package Contents

Package Contents	<ul style="list-style-type: none">• OS1326 Switch• Power Cord• Rack-Mount Kit• Quick Installation Guide
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Order Info

OS1326	Managed L2 Switch, 24x100Base-TX, 1x1000Base-T, 1xCombo 1000Base-T/SFP
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