

RIVO MULTITRADE OPTICAL SYSTEMS

Aggregation switch with eight or more WAN ports



Overview

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Key Takeaways

Aggregation switches with eight or more WAN ports are available in both Layer 2 and Layer 3 models, offering high-speed SFP/SFP+ uplinks, link aggregation, and advanced management features for enterprise and campus networks. Ubiquiti UniFi Aggregation Switch

The Ubiquiti UniFi Aggregation Switch is a Layer 2 managed switch with eight 10G SFP+ ports, designed for high-bandwidth uplinks and aggregation to other UniFi devices. It offers a 160 Gb/s switching capacity and a 119.04 Mpps forwarding rate, with a fanless steel construction suitable for rack mounting. The front panel includes a 1.3" touchscreen for port identification, and the switch can be managed via the UniFi Network Controller platform for configuration, monitoring, and network management .

Ruijie RG-S5760C-24SFP/8GT8XS-X



For campus or enterprise networks, the Ruijie RG-S5760C provides 8 x 1GE/10GE SFP+ uplink ports along with 24 x 1GE SFP ports. It supports VSU virtualization, allowing multiple physical switches to operate as a single logical unit, improving reliability and simplifying network architecture. The switch also features dual Flash chips for boot redundancy, power module failover, and dual-stack IPv4/IPv6 support, making it suitable for high-speed, scalable campus networks .

Grandstream GWN7830 Series

The GWN7830 series offers Layer 3 aggregation switches with up to 12 SFP+ ports and up to 24 SFP ports, ideal for medium-to-large enterprises. These switches support advanced VLANs, QoS, IGMP/MLD snooping, and comprehensive security features. Management is available via local web interface, CLI, GWN.Cloud, or GWN Manager, providing flexibility for both on-premise and cloud-based network administration .

Key Considerations

When selecting an aggregation switch with eight or more WAN ports, consider the following:

- Port type and speed: SFP+ (10G) vs SFP (1G) depending on uplink requirements.
- Layer 2 vs Layer 3: Layer 2 for simple aggregation, Layer 3 for routing and advanced network segmentation.
- Redundancy and reliability: Features like dual power modules, boot redundancy, and virtualization support.
- Management options: Cloud-based, local GUI, CLI, or controller-based management.
- Scalability: Ability to aggregate multiple switches or expand port capacity as network grows. These switches are suitable for high-performance networks, including enterprise backbones, campus networks, and data center uplinks, providing both high throughput and robust management capabilities.

Article Content

How do I set up WAN (Internet) Ethernet port aggregation on my

For more information, see [What is a network loop? Using two Ethernet cables, connect the Internet port and Internet](#)

How to enable Link Aggregation (LAG) on UniFi Switches

Link Aggregation in UniFi allows you to combine two or more ethernet ports into one. This is great when you want to

SODOLA 8 Port 10Gb Switch, L3 Managed, 8x10G SFP+ Ports

About this item □Ultra-Fast 10GbE SFP+ Switch□Transceiver is NOT Included in the package! This 10gb switch features 8X10Gb

Network Switches | Huawei Enterprise

Huawei Ethernet Switches Turbocharge your enterprise network with high-performance, high-availability for resilient services and

How do I set up Ethernet port aggregation on my NETGEAR

For more information, see What is a network loop? Using two Ethernet cables, connect LAN1 and LAN2 on your cable

Aggregation | TP-Link

Equipped with all-fiber ports, Aggregation Series Switches deliver up to 25 Gbps. With features such as Static Routing, DHCP

Campus Switches RG-S5760C-24SFP/8GT8XS-X 24-Port GE Optical

Aggregation switch for small and medium-sized campus networks, with 8 x 1GE/10GE SFP+ uplink ports for high-speed data

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

