

Recommended Multi-Broadband Aggregation Switches



Article Overview

Top multi-broadband aggregation switches include H3C S6530X Series, Cisco Catalyst 4500-X and Nexus 7000/7700 Series, and Grandstream GWN7830 Series, offering high performance, scalability, and advanced management features.

Key Options

1. H3C S6530X Series

- High-performance 10GE aggregation switches with modular dual power and fixed uplinks (40GE/100GE)
- Supports IRF for resiliency, OSPF/BGP, multicast, and SDN-enabled management
- Models: S6530X-24X8C (24×1GE/10GE SFP+ ports, 8×40/100GE QSFP28) and S6530X-48X8C (48×1GE/10GE SFP+ ports, 8×40/100GE QSFP28)
- Embedded WLAN support for unified wired and wireless networks, supporting up to 2,000 APs per switch
- Modular fan trays and power modules for flexible deployment and redundancy

Cisco Aggregation Switches

- Catalyst 4500-X Series: Fixed, cost-effective aggregation with enterprise-class Layer 2/3 switching, enhanced security, and high availability
- Catalyst 6880-X Series: Fixed campus-backbone switches optimized for scale, Multigigabit Ethernet, and energy efficiency
- Nexus 7000/7700 Series: Modular switches for data centers with high-density 10/40/100G ports, SDN programmability, and advanced analytics...

Article Content

What broadband aggregator or load balancing device do you use and ...

We have three T1 data lines, and right now they all flow into our network via an Astrocom Pro100 broadband

Multi-Gigabit Switches

NETGEAR provides highly flexible and scalable full Multi Gigabit switches fit for every business need. Get more details about

Link Aggregation: What is it, and How Does it Work?

Multi-chassis versions of link aggregation One of the really interesting ways of deploying an

Best Network Ethernet Switches – Gigabit-Managed-Unmanaged

Here are the 14 Best Ethernet Network Switches classified in various categories such as best Gigabit, best home

[Network|UniFi] USW-Aggregation Review | Affordable UniFi 10G switch ...

While aggregation switch is like a highway/freeway connecting different cities. Just like the traffic analogy,

Cisco Switch Selector

Quickly identify the right Cisco switch for your needs, whether you're looking for a new switch or upgrading an old one for an

UniFi Switch Comparison and Buyers Guide — McCann Tech

The UniFi Switch Aggregation is meant to be a distribution switch, connecting multiple access layer switches. It is best

What Is an Aggregation Switch and How to Choose?

An aggregation switch is a network device that consolidates traffic from multiple access switches, wireless access

Networking Products and Solutions

Securely connect users, devices, and workloads everywhere. Cisco networking solutions simplify

What Is WAN Aggregation & How Does It Work? Key Benefits

Connecting multiple internet connections (e.g., broadband, fiber, cellular) to the designated WAN ports or interfaces

Managed Switches

Tackle complex networks with NETGEAR managed switches. Get PoE, SFP, and multi-gig support, plus cloud or local control. Shop

Everything You Need to Know About Aggregation Switch

The primary function of an aggregation switch is to aggregate and forward data from multiple network devices, such as

Best switch for home us that supports Link Aggregation?

Link aggregation is like adding more lanes to a highway. If you're the only car on the road, the extra lanes don't help you, but they

What is Switch Aggregation, Its Role and Selection Advice

This article wraps up "what is switch aggregation" and suggestions for choosing an aggregation switch. By

Harmonic | Pure Broadband Solutions

Discover Harmonic's innovative broadband solutions designed for the future of connectivity, empowering operators with high

Which Aggregation Switch to Choose?

This article provides an in-depth exploration of aggregation switches, including their functions, how they operate, their

Link Aggregation and Load Balancing

Link Aggregation and Load Balancing Last updated Jun 16, 2026 Save as PDF Table of contents Link bonding Load

Switch Enterprise Campus Aggregation

High-performance 25G/100G SFP modules for optimal connectivity. 1.8 Tbps high-density 100G/25G Layer

Ubiquiti Store United States

3U rack-mount NAS with 16 drive bays, 25G connectivity, M.2 NVMe support, and redundant power for high-performance storage.

Why You Need a Fiber Aggregation Switch and How it Can ...

What is a Fiber Aggregation Switch? Understanding Fiber Aggregation Fiber aggregation is the act of combining many

Cisco Meraki MS400 Series Cloud-Managed Aggregation Switches

EXPANDING CLOUD MANAGEMENT TO THE CAMPUS Cisco Meraki aggregation switches extend Meraki's cloud management to

Multi-Gigabit Switches for IT Networks | Omada by TP-Link

Are multi-gig switches recommended for Wi-Fi 6 or Wi-Fi 7 access points? Yes, Wi-Fi 6 and Wi-Fi 7 access points can aggregate

Aggregation switches and routers

These switches can be deployed as a spine, top-of-rack leaf switch, or middle-of-row leaf switch to interconnect computing and

What Is an Aggregation Switch and How to Choose?

Discover the role of aggregation switches. Explore differences between aggregation, access, and core switches, and

Unlock Speed with Ethernet Port Aggregation Guide

Ethernet Port Aggregation bonds multiple Ethernet ports into one logical link for more speed and redundancy using

What's everyone recommend for Ethernet switches these days.

What's everyone recommend for Ethernet switches these days. Jump to Latest 12K views 49 replies 21 participants

The best network switch of 2025 | TechRadar

The best network switch will be a necessity for anyone looking to add more wired connections and gain greater

Stackable Aggregation Managed Switches

Stackable Aggregation Managed Switches Streamlined Aggregation, Maximum Efficiency Versatile Speeds

Aggregation Network Switches | Grandstream Networks

Layer 3 aggregation switches that allow enterprises to build scalable, secure, high performance and smart business networks that

Cisco Switch Selector

Just answer a few simple questions, and our Cisco Switch Selector will recommend a product for you. Not finding what you're looking

UniFi Enterprise Campus Aggregation

1.8 Tbps high-density 100G/25G Layer 3 Etherlighting™ aggregation switch with MC-LAG support for high

Aggregation Network Switches | Grandstream Networks

These aggregation switches support advanced VLAN for flexible traffic segmentation, advanced QoS for prioritizing network traffic,

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