

New ODM for Aggregation Switches



AI Overview

Custom ODM aggregation switches offer high-speed Layer 3 management, flexible port configurations, and industry-specific solutions for enterprise and service provider networks.

Overview of ODM Aggregation Switches

ODM (Original Design Manufacturer) aggregation switches are custom-designed network devices that allow businesses to tailor switch features to specific operational requirements. These switches typically support 10G or higher uplinks, advanced Layer 3 routing, and a wide range of protocols, making them suitable for demanding environments where performance, reliability, and scalability are critical.

Key Features and Capabilities

- High-Speed Connectivity:** Many ODM aggregation switches provide 10GE or higher uplinks and all-fiber ports capable of up to 25 Gbps, ensuring ultra-high-speed transmission for enterprise networks.
- Layer 3 Management:** Support for static routing, DHCP server, ACL, IGMP snooping, STP, and LAG allows for robust network management and traffic control.
- Stacking and Clustering:** Select models support physical stacking, enabling simplified management and increased redundancy for large-scale deployments.
- Protocol and Service Support:** ODM switches often include QoS, controllable multicast, and security technologies, ensuring reliable transmission of voice, video, and data services.
- Custom Form Factors:** ODM providers can design switches for enterprise, industrial, or automotive applications, optimizing port density and rack efficiency while reducing overall costs.
- Cloud and Controller Integration:** Many switches support centralized cloud management or controller-based deployment with Zero Touch Provisioning (ZTP), allowing plug-and-play operation and automated Eth-Trunk configuration.

Benefits of ODM Solutions

- Tailored Performance:** Customization ensures switches meet specific bandwidth, protocol, and service requirements.
- Faster Time-to-Market:** ODM providers like VVDN and Focuscom offer end-to-end design and manufacturing, reducing development cycles.
- Cost Efficiency:** High-density port des...

Article Content

What Are Aggregation Service Routers (ASR)?

What are aggregation services routers (ASR)? Aggregation services in routers and edge platforms help enable network edge routing. These devices combine traffic

32-Port 10G Layer 3 Stackable Aggregation Managed

The 100M-10G auto-sensing ports optimize speed while 25G-capable uplinks handle heavy traffic. The full optical interface design optimizes speed and handles heavy

Network Switches

We have developed multiple form factor switch designs within the VVDN facility for enterprise, industrial and automotive applications. VVDN is committed to customers providing world-class products by

Networking Equipment & Access Point Manufacturing

From managed/unmanaged switches, enterprise switches, industrial switches, ethernet PoE to fibre switches, VVDN assists its customers in developing their

Aggregation | TP-Link Deutschland

Mit erweiterten Funktionen wie statischem Routing, DHCP-Server, ACL, IGMP Snooping, STP, LAG und zentralisiertem Cloud-Management stellen sie eine leistungsstarke und zuverlässige Lösung für die

Data Center Network Switch Design

This Article Applies to: All Omada switches. Design: In a large network, we will have different types of switches involved and they play different roles when it comes to the functions. So,

Top Data Center Switch Companies

Switches support range of workloads: Juniper switches provide for access, aggregation and core networking for branch, campus, data center and

Edgecore Networks Sets New Benchmark for AI Infrastructure with

Edgecore's new 102.4T data center switch portfolio provides the foundation for these demanding environments, offering the industry's highest radix and most advanced congestion control ...

Rubytch

More than 220 active SKUs of Ethernet Switches for our ODM customers to choose from. Offer the total solution of network transmission where maintenance become effortless.

High-Throughput Aggregation Switch 1Tbps with ODM services

We are a FTTx solution provider in China with rich experience in High-Throughput Aggregation Switch 1Tbps with ODM services, with competitive price and top quality.

Juniper-compatible Aggregation Switch with ODM services

We are a FTTx solution provider in China with rich experience in Juniper-compatible Aggregation Switch with ODM services, with competitive price and top quality.

What's new in Operational Decision Manager and Operational ...

Discover changes that include new features, supported software, and other improvements in Operational Decision Manager and Operational Decision Manager on Certified Kubernetes.

Router and Aggregation Switch Market Forecast to Grow at 4 Percent

According to a recently published report by Dell'Oro Group, the trusted source for market information about the telecommunications, security, networks, and data center industries, demand for

Stackable Aggregation Managed Switches

Stackable Aggregation Managed Switches Streamlined Aggregation, Maximum Efficiency Versatile Speeds Provides 1G, 2.5G, and 10G speeds for flexible

All about Ruijie OEM& ODM Business

Our collaborative product portfolio includes data center switches, campus switches, and wireless products in multiple categories and specifications, supporting multi

Aggregation Switch | 10G Fiber Backbone | Omada Store

Aggregation Switch Equipped with all-fiber ports, Omada Aggregation Switches deliver up to 10 Gbps. With advanced features such as Static Routing, DHCP

Switch ODM Solutions vs Traditional Networking: Cost and

Discover how ODM switch solutions compete with traditional networking hardware, offering near-identical performance at lower costs. Learn about customization, cost savings, and implementation

Help understanding aggregation and if it's possible using a ...

Help understanding aggregation and if it's possible using a UDM (Base) and UniFi Switch Lite switches Apologies, while I'm a technology type, I'm not a networking expert by any means. As I understand it

Arista Unveils Modern Stacking for Campus Networks

Introducing Switch Aggregation Groups (SWAG) Arista was an early pioneer in link-level aggregation groups with Multi-Chassis Link Aggregation Groups (MLAG), which brought resilience to data center

U S W-A ggregation

The Switch Aggregation is a fully managed, Layer 2 switch with (8) 10G SFP+ ports designed to enhance your network's switching capacity and performance by creating high-bandwidth aggregation

Data Center Switches | Dell USA

Optimize your network with flexible, scalable, and high-performance data center switches. Designed for modern workloads, PowerSwitch aggregation and top-of

Understanding Switch Aggregation: A Comprehensive

Defining switch aggregation and its role in network architecture Switch aggregation, also known as link aggregation or trunking, is a method

Aggregation Switches Market Research Report 2034

Aggregation Switches Market was valued at \$11.13 billion in 2025, projected to reach \$22.82 billion by 2034, growing at 8.2% CAGR. Driven by cloud expansion, 5G deployment, and AI infrastructure.

What Is an Aggregation Switch and How to Choose?

Discover the role of aggregation switches. Explore differences between aggregation, access, and core switches, and choose the right model for your network.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.tomor.eu>

Email: info@tomor.eu

Phone: +49 69 2381 5497

Address: Am Hauptbahnhof 10, 60329 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

