

Huawei 7721 Aggregation Switch



Summary of Content

The Huawei 7721 Aggregation Switch functions as a high-performance gateway in campus networks, supporting stacking, link aggregation, VLAN management, and centralized control for wired and wireless users.

Role in Campus Networks

The Huawei 7721 is typically deployed as an aggregation switch in campus networks, positioned between core switches and access switches or APs. It serves as a gateway for both wired and wireless users, handling routing, forwarding, and DHCP services. Aggregation switches like the 7721 can be stacked to increase interface density, bandwidth, and redundancy, ensuring high network reliability and scalability.

Stacking and Redundancy

Huawei 7721 supports stacking technologies such as CSS (Cluster Switching System) or iStack, allowing multiple switches to operate as a single logical device. Key stacking features include:

- Master/Standby hierarchy for failover
- Synchronized configurations across stack members
- Cross-device link aggregation (Eth-Trunk) for load balancing
- Ring topology recommended for redundancy, avoiding single points of failure
- Dedicated stack ports for high-speed synchronization

Link Aggregation (Eth-Trunk)

Article Content

GWN7721(P) Series | Grandstream Networks

The GWN7721 (P) are 10-port Layer 2 Lite Managed Switches, equipped with 8x 2.5G Ethernet ports and 2x 10Gigabit SFP+ ports,

Standalone AC Solution: Aggregation Switches Function as Gateways

A standalone AC is deployed in off-path mode. It centrally manages APs on the entire network. In this example, aggregation switches

CloudEngine S12700H Series Switches

CloudEngine S12700H series switches are Huawei's next-generation modular core/aggregation switches designed for high-end

Network Switches | Huawei Enterprise

Huawei campus switches are ideal for building future-proof campus networks with simplified management, high reliability, and service

GWN7721 & GWN7721P & GWN7721PE

L2-Lite Managed Multi-Gigabit Switch The GWN7721 Layer 2 Lite Managed Switch Series delivers robust, high-performance

Link Aggregation Configuration

This chapter describes how to configure link aggregation. Link aggregation bundles multiple Ethernet links into a logical link to

Info-Finder (DatacomMate): One-stop intelligent platform for product ...

Find comprehensive product information, tools, and resources for Huawei enterprise switches in this one-stop online platform.

Why Invest in a Huawei Aggregation Switch? Is Your Network Ready

While access switches manage local device connections, the Huawei aggregation switch operates at a strategic layer, funneling data

Switches

With multiple industry-leading intellectual properties and patents, Huawei provides more than a hundred switch models in more than

S7700 Series Smart Routing Switches

The S7700 can be used as an aggregation switch on a large-scale campus network, helping to build a highly reliable, scalable, and

Contact Us

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

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

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