

# Huijue s Layer 2 Access Switch



## Overview

Huawei's Layer 2 switches deliver advanced Ethernet switching capabilities, including high-speed frame forwarding, VLAN segmentation for network isolation, link aggregation (LACP) for bandwidth optimization, and port mirroring for traffic monitoring and security analysis. Featuring Ruijie's highest density 400G data center core switch, our solution utilizes 25/56G SerDes technology evolving to 112G SerDes, facilitating the seamless transition from 400G to 800G and beyond. X supports VSU, allowing up to 8 devices (recommended 4) to operate as a single virtual switch — unified CLI, IP, and seamless failover within 50-200 ms. Up to 40% energy savings and 802.3az EEE, intelligent fan speed, and PoE idle-port shutdown reduce noise and OPEX. Access switches are designed for cost-effectiveness and ease of use and provide the following features:

- High port diversity : Access switches offer a range of port types, such as 10/100/1000BASE-T ports, to accommodate the diverse access needs of various devices.



## Article Content

Hot

Switches

With multiple industry-leading intellectual properties and patents, Huawei provides more than a hundred switch models in more than 10 series, including access,

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H3C S1850V2-X Layer 2 Gigabit Access Switch Series-H3C

H3C S1850V2-X series Ethernet switch is the layer 2 Gigabit access switch developed and designed by New H3C Technologies Co., Ltd. (H3C) especially for meeting high-performance network

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Ruijie Network Switches

Access switches are versatile for both indoor and rugged environments, offering zero-touch cloud configuration, energy efficiency, and scalable performance. They range from layer 2 to high

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Huawei Layer 2 Switches

Huawei's Layer 2 switches, such as the S5735 series (access), S6730 series (aggregation), and S12700E series (core), are engineered to deliver seamless integration, intelligent management, and

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What is an access switch and how to select access switches?

What is an access switch? Learn the features and applications, and know how to select the right access switch for your network needs. Ruijie Networks' access switches here for you.

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Example for Configuring a Layer 2 Switch to Work with a Firewall for ...

Example for Configuring a Layer 2 Switch to Work with a Firewall for Internet Access  
Layer 2 Switch Layer 2 switches perform only Layer 2 forwarding instead of Layer 3 forwarding. That is, Layer 2

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Ethernet Switches

With multiple industry-leading intellectual properties and patents, Huawei provides more than a hundred switch models in more than 10 series, including access,

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Example for Configuring a Layer 2 Switch to Work with a Router for ...

This guide provides steps to configure a Layer 2 switch with a router for seamless internet access.

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LANCOM Techpaper Two-Tier

Core Switches bilden den Kern des Netzwerks und sind die oberste Schicht eines dreistufigen Netzwerks. Mit hohem Durchsatz übernimmt ein Core Switch hauptsächlich möglichst

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Huawei Layer 2 Switches

Find reliable Huawei Layer 2 switches for efficient network management. Enjoy high port density, Gigabit speeds, and robust performance for your business needs.

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L2 vs L3 Switch: How to Choose for Your Access Layer

When planning an enterprise access network, one of the most common dilemmas is whether to deploy Layer 2 (L2) or Layer 3 (L3) switches. The access layer plays a critical role in

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What Is an Access Layer Switch? Guide complet

Learn what an access layer switch is, how it works in enterprise networks, and how to choose the right Cisco access switch for your SMB.

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Layer 2 vs. Layer 3 Switches: Key Differences and Use Cases

Uncover the essential differences between Layer 2 and Layer 3 switches. Learn their core functions, advantages, and ideal use cases for your network.

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Ruijie RG-S2910 Gigabit Layer 2 Access Switch with

The Ruijie RG-S2910 Series stands out as reliable access network switches, offering Gigabit edge connectivity, modular uplinks, HPoE support,

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## Data Center Access Layer Design

Overview of Access Layer Design Options Access layer switches are primarily deployed in Layer 2 mode in the data center. A Layer 2 access topology provides the following unique capabilities

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## Campus Switches RG-S5000-10GT2MS-E 10-Port Gigabit Layer 2

Providing gigabit-to-desktop applications for network access devices to meet the needs of university, hospital, government and other enterprise campus for teleconference systems, wired and wireless

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## Configuring Layer 2 Switching

You can configure Layer 2 switching ports as access or trunk ports. Trunks carry the traffic of multiple VLANs over a single link and allow you to extend VLANs across an entire network. All Layer 2

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## Huawei Layer 2 Switch

Huawei Layer 2 Switch The Category of Huawei Layer 2 Switch recommends you various Huawei Series Switches, including Huawei s1700, s2700, s3700, s5700 and s6700 series, etc. Huawei layer 2

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What is an access switch and how to select access switches?

The high-performance Ruijie RG-S5310-E series access switches are designed for the access layer. They feature superb performance, flexibility in port design, advanced security features,

Jan 20, 2026 Hot

## Ruijie RG-S2300 Series – Secure Layer 2 Access

Discover Ruijie RG-S2300 access network switches, with gigabit ports, flexible uplinks, VLAN/QoS support, IGMP snooping, and cloud-based security

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Layer 2 vs Layer 3 Switch: What's the Difference? | Auvik

A network switch is a fundamental piece of any network, so it's critical that you as an IT professional understand the role of a switch in a properly

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Example for Configuring a Layer 2 Switch to Work with a Router for ...

It is required that users access the Internet through the Layer 2 switch and router and that the router function as the gateway of users. Figure 2-39 Configuring a Layer 2 switch to work with a router for

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Core Switch vs. Distribution Switch vs. Access Switch

In this layer, the layer 2 switches are installed to distribute the data packets to the addressed group of access devices. The layer 2 switches prevent over-crowding

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Huawei Ethernet Switch & Network Switches Solutions

Thunder link offers various models of Huawei Ethernet switches and network switches, including the S5720, S6720, S6730, CE6800 and CE12800, designed

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Best Layer 2 Switch in 2026: Tested and Reviewed

In this guide, we've tested and reviewed the best layer 2 switch to help you choose the perfect switch for your specific needs.

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LAYER 2 SWITCHES

RG-NBS5100& 5200 series switches provide comprehensive end-to-end QoS as well as flexible and rich security settings for small and medium-sized networks at an extremely high price-performance ratio

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Access Layer Security Design

The Layer-2 OOB solution relies upon their being a Layer-2 network connection available between the the client devices and the Cisco CAS, in figure 5 a trunk connects the access switch to the

Oct 23, 2025

## Contact Us

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