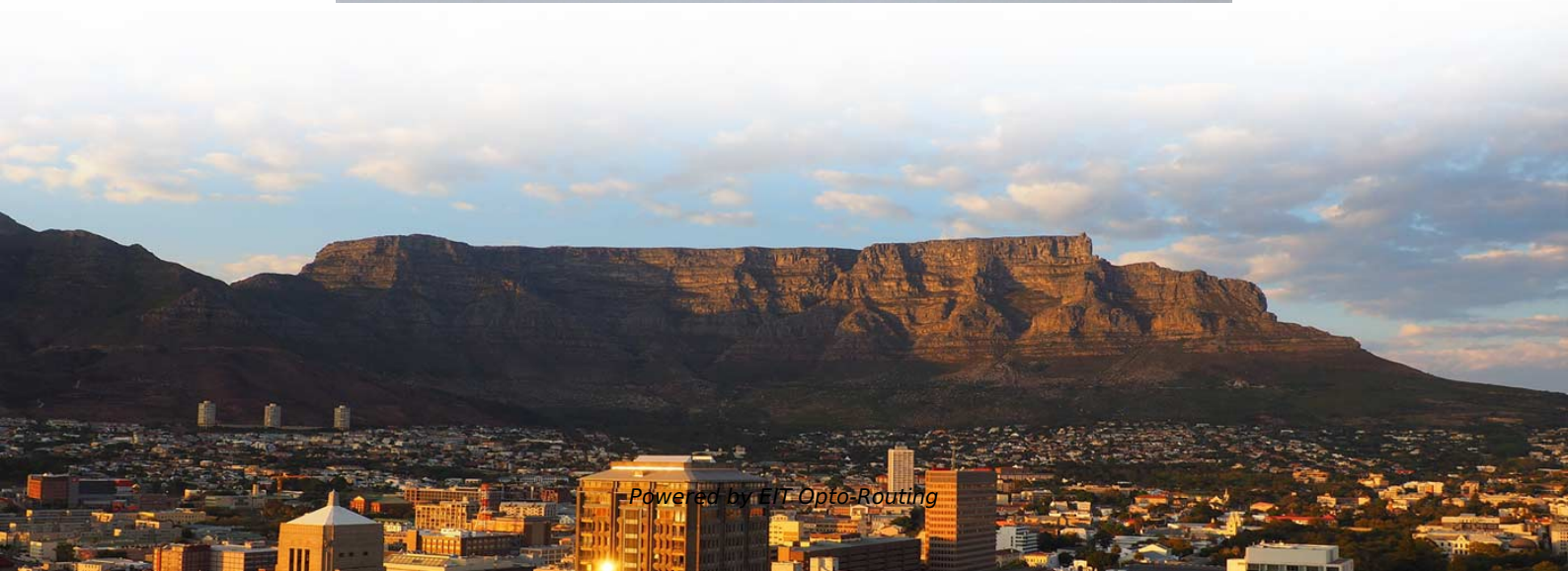


# **Huawei Intelligent Access Layer Switch**





## Overview

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They use Huawei's intelligent multi-layer switching technology to provide intelligent service optimization methods, such as VPN, application identification, comprehensive QoS policies, controllable multicast, resource load balancing, and integrated security, in addition to stable . Huawei's comprehensive portfolio of products and solutions enables you to realize smooth digital transformation and rapid growth of virtualization, Big Data, and cloud services. Huawei switches already help customers achieve success in industries such as finance, Internet, retail, education. Hello, my name is Bob, and I am a Senior Engineer with the Technical Services team at network-switch. I am also a certified Cisco CCIE professional and HCIE certified engineer, which reflects my expertise in networking and my dedication to delivering high-quality technical solutions. The CloudEngine S5731-S series offers a range of standard gigabit access switches, with all-GE electrical/optical ports and fixed 10 GE uplink ports. Within the fast-paced world of industrial networking, the S5735-L48P4X-A Huawei switch provides a "simplified" yet powerful architecture.



## Huawei Intelligent Access Layer Switch

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# Huawei Ethernet Switch & Network Switches Solutions

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

## Layer 2 Switching

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Layer 2 Switching A Layer 2 device works at the second layer of the OSI model and forwards data packets based on media access control (MAC) addresses. Ports on a Layer 2 device send and



## S300 Series Switches Product Description

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Huawei S300 series Ethernet switches based on cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software, the S300 supports Energy Efficient Ethernet (EEE) and iStack. The S300

## Empowering Enterprise Connectivity: An In-Depth Look at the Huawei

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The Huawei S5735-L48P4X-A is a Layer 3 (L3) simplified gigabit Ethernet switch that combines high-density access with robust Power over Ethernet (PoE) capabilities.

## Netzwerk-Switches von Huawei

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Switches von Huawei werden in Bereichen wie Finanzen, Internet, Einzelhandel, Bildung, Produktion und Behörden eingesetzt. Mit den Lösungen, die in Gartner's



## Access Layer (Access Switch)

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The access layer is the edge of a campus network, which provides diverse access modes to PCs, network cameras, printers, IP phones, and wireless terminals. It is the first tier of the campus

## Ethernet Switches

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Using intelligent, multi-layer switching technology, Huawei's Ethernet switches provide High-Definition (HD) video stream transmission, elastic cloud computing,

## The Network DNA: Networking, Cloud, and Security

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Master networking, cloud, and security with in-depth analysis, tutorials, and research. Stay ahead of the curve with our expert tech blog.

## **Huawei Ethernet Switch & Network Switches Solutions**

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Find an access or aggregation switch on a campus network or in. Huawei's comprehensive portfolio of switches enable you to achieve smooth digital

## **Example for Configuring a Layer 3 Switch to Work with a Router for**

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Example for Configuring a Layer 3 Switch to Work with a Router for Internet Access  
Layer 3 Switch Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI



## Layer 2 Switching

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S300, S500, S2700, S5700 and S6700 V200R022C00 Configuration Guide - Ethernet Switching Layer 2 Switching A Layer 2 device works at the second layer of the OSI model and

## Campus Switches

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Huawei S Series Switches fully accommodate metro core, aggregation, edge aggregation, and access networking requirements, and are capable of building an

## Huawei S5735S Switch - Intelligent Campus

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Modern enterprise campuses demand reliable, high-performance access switches that streamline operations and support evolving services. The



## Campus Switches

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It also provides enhanced Layer 3 features and mature IPv6 features. The CloudEngine S5331-S can be used in various scenarios. For example, it can be

## CloudEngine S5731-S Series Switches , Huawei Enterprise

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The series is widely used in a range of scenarios, including enterprise campus access and aggregation, as well as data center access.

## Huawei Talent

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HuaweiICTAcademyHuaweiAuthorizedLearningPartnerInformationCenterResources  
Documentation Center Partner (HALP) Download Zone ICT Academy Download Zone  
Tools

## **Huawei S6320-HI Series Switches Product Brochure**

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HuaweiS6320-HIserieswitchesarethefirst-of-their-kindfixedagileswitcheswith10GE  
downlink and 40GE/100GE uplink ports. They are ideal for enterprise campus, higher  
education, government,

## **S2300 Switch Huawei: Overlooked Hero? Can This Silent Performer**

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S2300 Switch Huawei: Overlooked Hero? Can This Silent Performer Future-Proof Your  
Access Layer? Ever wrestled with an access switch that overheats during peak hours or  
demands constant



## **CloudEngine S5731-S Series Switches , Huawei Enterprise**

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Built on Huawei's unified Versatile Routing Platform (VRP), CloudEngine S5731-S switches provide enhanced Layer 3 features, support MPLS, support simplified

## **H3C S5170-EI Series Intelligent Gigabit Access Switches**

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H3CS5170-EI series switches are mainly positioned at the access layer and aggregation layer of enterprises and campuses, meet high-density Gigabit access, fixed 10 Gigabit uplink ports, support

## **S300 Series Switches Product Description**

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The S300 collects and maintains information about access users, such as IP addresses, MAC addresses, IP address leases, VLAN IDs, and access interfaces in a DHCP snooping binding table.

## **S2720-EI Series Switches**

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S2720-EI Series Switches Huawei S2720-EI switches are well suited for enterprise campus access scenarios, featuring both 100M-to-the-desktop and GE uplink

## **Example for Switching an Interface to Layer 3 Mode**

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Example for Switching an Interface to Layer 3 Mode Networking Requirements As shown in Figure 3-15, PC1, PC2, PC3, and PC4 are on four network segments, and SwitchB, SwitchC,



## **Is Huawei Switch S6720 Crucial? Can Access Layer Security Defend**

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Ultimately, the Huawei Switch S6720 is non-negotiable infrastructure for access layers facing relentless threats. Its security architecture and configurable depth offer what generic switches can't: actionable

## **S7700 Series Switches**

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Huawei S7700 series switches are smart routing switches with unified user management for campus networks. They support SDN and intelligent O&M.

## **CloudEngine S8700 Series Switches , Huawei Enterprise**

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Huawei CloudEngine S8700 series switches are high-end switches designed by Huawei for next-generation enterprise networks.

## Contact Us

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For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://entrenamientointeligente.es>