

Core Switch 3 Total Slots



AI Overview

The H3C S7503X core switch has a total of 3 slots.

The H3C S7503X is a modular enterprise core switch designed for high-performance, high-density environments. Its 3-slot chassis allows for the installation of various interface and function modules, which determines the total number of ports and the scalability of the switch . Each slot can accommodate line cards supporting 10G, 40G, or 100G interfaces, enabling flexible deployment for enterprise networks .

Modular Design and Scalability

- Slot Functionality: Each slot can host interface modules or functional modules such as super engine modules, IP voice modules, or network monitoring modules, which directly impacts the switch's port density and feature set .
- Line Card Support: The S7503X supports up to 48-port 10G, 12-port 40G, or 4-port 100G line cards, allowing network architects to tailor the switch to specific performance and connectivity requirements .
- Backplane Bandwidth: The modular design ensures high-speed data transfer between slots, with the backplane providing sufficient bandwidth to prevent bottlenecks during inter-slot communication .

Enterprise Use Cases

The 3-slot configuration makes the S7503X suitable for:

- Core layer deployment in enterprise networks requiring high throughput and low l...

Article Content

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Differences Between the Core Switch and Normal Switch | FiberMall

The so-called core switch is for the network architecture. If it is a small local area network with several computers, a

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What Is a Core Switch? Network Backbone Architecture

What makes a core switch a “Layer 3” switch? Core switches are considered Layer 3

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Ruijie Reyee RG-NBS7003 3-Slot L3 Cloud Managed

The RG-NBS7003 is a Layer 3 Cloud Managed switch, tailored to meet the evolving needs of SMB

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6 Slot Chassis Switch

In addition to the open slots, there are 2 slots for redundant backup power supplies, and

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Suggestion for a L3 Switch for our CORE NETWORK

Hi, Actually I am searching a good L3 switch for our CORE NETWORK. Below are some features that I need must & I

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CS-6303R 3-Slot Chassis Switch | Planet Technology

PLANET's CS-6303R Core Layer Routing Chassis Switch is specially designed for large network applications.

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Difference between a core switch and "normal" switch?

What's the difference between a Core Switch and a normal switch? I have 4 switches in a stack that everything connects to. This is

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Core Switch

Core switches are defined as high-capacity switches located at the top of a cloud data center network, connecting aggregation

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All Switches Products

Cisco has a comprehensive portfolio of network switches and switching solutions for enterprise networks,

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Introduction to Core Switch Configuration

A switch that functions as part of a router and operates at the third layer of the OSI network standard model, the network layer. The

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FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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Cisco ASR 9900 Series Third Generation Switch Fabric

The switch fabric is fully redundant, with one copy of the fabric on each fabric card, and

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What Is Core Switch?

Stacking allows you to connect multiple core switches together to act as a single logical switch. This increases

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CS-6306R

The CS-6306R is the High-density Chassis Ethernet Switch built with 6 module slots and redundant power supply. It provides great

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What Is a Core Switch? Network Backbone Architecture Guide

Discover what a core switch does in a 3-tier network model. Learn about ASIC routing, collapsed core vs dedicated

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3 Equipment Slots :: Core Keeper General Discussions

I love the new 3 equipment slots feature. I can have three complete outfits configured now, and easily switch between

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What Is a Core Switch?

Sitting at the top of the hierarchical model, core switches interconnect distribution layer switches and provide high-speed data

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Choosing a Core Switch

The choice of the Core switch should be decided based upon many factors. Your port count at this point is 450. Are

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3-/6 Slot Layer 3 IPv6/IPv4 Routing Chassis Switch

The CS-63XX Series is a high-density chassis switch built with 3 or 6 module slots and a redundant power supply. They provide

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Expanding core switch vs adding edge switch?

Do I expand the core switch or add an edge switch to accommodate? I've got 3 module slots available in the core

Feb 28, 2026

What Is a Core Switch?

A core switch is the backbone of a large-scale network, designed to handle massive volumes of traffic with ultra-low latency and

Contact Us

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