

Article Overview

H3C fibre routers are high-performance networking devices designed for enterprise, carrier, and home applications, offering secure, scalable, and intelligent connectivity.

Overview

H3C fibre routers are engineered to support high-speed fibre connections, providing reliable and low-latency network access for enterprises, government, finance, education, and telecom operators . They integrate IT and CT resources, enabling cloud-based services, SDN, and SRv6 support, which reduces protocol complexity and accelerates service deployment . These routers are suitable for backbone networks, multi-data center interconnections, and branch office WANs, ensuring secure, high-capacity, and scalable network performance .

Key Features

- o High Performance and Scalability: Models like CR16000-F and CR19000-20 handle large-scale networks, supporting thousands of terminals and multiple services simultaneously .
- o Intelligent Management: H3C routers offer visualization, automation, and WAN optimization for efficient network operation .
- o Security: End-to-end encryption, VPN support, and intrusion detection protect data transmission and network access .
- o Flexible WAN Options: Support for Ethernet, fibre, 4G/5G, DSL, and multi-WAN configurations allows versatile deployment .
- o Software Virtualization: Enables network functions to run in standard virtual environments, improving maintenance, deployment efficiency, and future innovation .

Enterprise and Carrier Applications

H3C fibre routers are widely used in carrier-class networks and large-scale enterprise environments. For example, Tsinghua University uses CR16000-F BRAS devices to manage campus networks with tens of thousands of terminals . In telecom networks, CR19000-20 serves as a MAN egress node, handling broadband, voice, IPTV, and dedicated lines for government and enterprise clients . These routers are ideal for DCI/backbone networks, multi-service bearer networks, and private leased-line networks .

Home and Small Office Solutions

For home or small office use, H3C offers Wi-Fi 6 routers like the AX5400, which provide high-speed wireless connectivity up to 5378 Mbps, long-range coverage, and advanced features such as parental controls, VPN



H3C Router Fiber Optic

support, and EasyMesh networking . These routers are suitable for gaming, streaming, and multi-device environments, supporting over 80 devices simultaneously .

Deployment Considerations

When selecting an H3C fibre router, consider:

- o Network scale: Enterprise vs. home deployment
- o WAN requirements: Fibre, 4G/5G, or hybrid
- o Security needs: VPN, encryption, and intrusion detection
- o Management capabilities: Automation, visualization, and cloud integration H3C routers provide a future-ready, secure, and high-performance solution for both large-scale enterprise networks and advanced home networking environments .

Explore a wide range of our H3c Router selection. Find top brands, exclusive offers, and unbeatable prices on eBay. Shop now for

Before you connect the router to the network, configure basic settings for the router. For more information, see login management in

H3C MSR3600 Router Series Advanced technologies H3C's state-of-the-art Comware network operating system--Provides

Support As a leader in digital solutions, H3C supports fully integrated IT infrastructures in environments ranging from traditional

The H3C compatible Module provides 16GBase-LR throughput up to 10km over single-mode fibre (SMF)

FRITZ!Box Glasfaser-Router High-Speed über Fiber Modelle für jeden Glasfaser-Anschluss Kostenloser Versand Made in Europe

H3C Magic NX30 dual-band 3000Mbps Wi-Fi6 router, a new entry-level home router of New H3C Intelligence Terminal

Linksys E8450 AX3200 WiFi 6 Router - best fiber optic Wi-Fi router for simultaneous dual-band streaming The best

For more information, see H3C CR16000-M Routers Hardware Information and Specifications. Installing a transceiver module and

Overview The following 10G Ethernet optical interface modules are available for the SR8800-F routers. Table 1 10G Ethernet optical

This review focuses on the readily available h3c er6300g2 and er6300g3 full gigabit wired broadband routers, which

For more information about interface module and transceiver module compatibility, see H3C 5G IPRAN Access Router Transceiver

Home Network Are you an H3C partner? Log in to see additional resources. You can find excellent H3C partners, or you can become

?Advanced WPA3 & Intrusion Detection?H3C AX5400 WIFI 6 Router offers

Products by Category Cloud Computing Routers Switches Wireless PON Security Network Operations & Management Intelligent

H3C enterprise-class router interfaces are mainly network ports. The access-level routers are mainly used to connect

Web: <https://www.in-au.co.za>

