

Huawei 10 Gigabit Optical Port Network Switch



Article Overview

Huawei 10 Gigabit switches typically use 10GE SFP+ optical ports for downlink connections and QSFP+ ports for uplinks, supporting various optical modules and cables for flexible deployment.

Port Types and Configurations

Huawei 10GE switches, such as the CloudEngine S6730-H-V2 and S6720S series, are equipped with 10GE SFP+ downlink ports for connecting servers or access devices, and 40GE or 100GE QSFP+ uplink ports for higher bandwidth aggregation . For example, the S6720S-26Q-LI-24S-AC model has 24 downlink 10GE SFP+ ports and 2 uplink 40GE QSFP+ ports, allowing future network upgrades . The CE8800 series also supports 24-port 10GE SFP+ subcards with QSFP28 uplinks for data center applications .

Compatible Optical Modules

Huawei 10GE SFP+ ports support a variety of optical modules:

- Multimode modules (e.g., 10GBASE-SR) with OM3/OM4 patch cords, supporting distances up to 300 meters .
- Single-mode modules (e.g., 10GBASE-LR, 10GBASE-ER) for longer distances, typically 10 km to 40 km, depending on module specifications .
- Bidirectional (BIDI) single-fiber modules, which must be used in pairs (e.g., SFP-10...

Article Content

Top 10 Best 10GbE Routers of 2025: Huawei, Cisco & More Reviewed

Explore the top 10 best 10GbE routers in 2025 including models from Huawei, Cisco, and ASUS. Discover key

Best 10G Campus Switch 2025: Huawei CloudEngine S6730-H48X6C

Explore the Huawei CloudEngine S6730-H48X6C, a high-density 10G campus switch with 100G uplinks, integrated

ES5D21X08S00 (8-Port 10GE SFP+ Rear Optical Interface Card)

The ES5D21X08S00 provides 10GE SFP+ optical ports to transmit and receive service data at 1 Gbit/s or 10 Gbit/s. Table 9-137 lists

CloudEngine S5731-S Series Switches | Huawei Enterprise

CloudEngine S5731-S Series Switches The CloudEngine S5731-S series offers a range of standard gigabit access switches, with all

Huawei S6700 Series Switches Product Brochure

The S6700 has industry-leading performance and provides up to 24 or 48 line-speed 10GE ports. It can be used in a data center to

S5700-LI Switch Datasheet (Detailed Version)

It provides customers with a green, easy-to-manage, easy-to-expand, and cost-effective gigabit to the desktop solution. In addition,

Switch Ethernet-Übertragungstechnik 10-Gigabit Switch (2026) zum ...

Diese Modelle sind besonders gelungen Das sehr beliebte TRENDnet 28-Port Switch ist eines der wenigen Modelle, die Deinen

Network Switches | Huawei Enterprise

Designed for scenarios such as data centers, enterprise campuses, and enterprise private lines, making

Huawei 12 Port Switches

Huawei 12-port switches are network switches designed to provide an array of features, scalability, and performance options for

Huawei S6700-24-EI Switch 24x10GE SFP+ No PSU

The Huawei S6700-24-EI is an enterprise-class 10 Gigabit switch designed for high-density aggregation

CloudEngine S5732-H Series Hybrid Optical-Electrical Switches

The S5732-H series optical/electrical hybrid switch provides independent optical/electrical working mode and optical/electrical

CloudEngine S5736-S Series Switches | Huawei Enterprise

CloudEngine S5736-S Series are switches designed for the Wi-Fi 6 era, featuring 24 downlink ports, four 10 GE uplink ports and one

2X10GL (2-Port 10GE Optical Ports Interface Card)

2X10GL (2-Port 10GE Optical Ports Interface Card) Card Overview The 2X10GL is a high-speed WAN access module that provides

S6730-H24X6, 24 Port Giga Switch with 6x40GE/100GE QSFP28 | Huawei

S6730-H24X6, 24 Port 10GE SFP+ Switch with 6x40GE/100GE QSFP28 | Huawei 10GE SFP+ optical port. A 10GE SFP+ Ethernet

CloudEngine S5731-S Series Switches | Huawei Enterprise

CloudEngine S5731-S series multi-GE switches are gigabit access switches that offer multi-GE downlink ports and 10GE/40GE

Huawei 10G Switch

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10GE SFP+ Optical Modules

Fan Modules Installing a Power Surge Protector Pluggable Modules for Ports Understanding Optical Modules Understanding Copper

CloudEngine S5732-H Series | Huawei Enterprise

The CloudEngine S5732-H Series Hybrid Optical-Electrical Switch is a new generation of 10 GE access switch, featuring 24 optical

CloudEngine S6730-H-V2 Series 10 GE Switches

The CloudEngine S6730-H-V2 series offers a range of next generation 10 GE routing switches with 24, 28,

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the

CloudEngine S6730-H-V2 Series 10 GE Switches | Huawei Enterprise

Huawei S6730-H V2 10G switches provide 24, 28, or 48 downlink ports plus 6 x 40 GE uplink ports, expandable to 100 GE, and one

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and

Contact Us

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