

Switches with optical uplink ports



AI Overview

Optical uplink switches provide high-speed fiber connectivity for enterprise, campus, and data center networks, supporting SFP/SFP+ or higher-speed ports for uplinks. Key Examples of Switches with Optical Uplinks

- 1. Huawei CloudEngine S5736-S Series** Features 48 downlink optical ports and four 10 GE uplink ports. Supports Layer 3 routing, IPv6, and flexible Ethernet networking. Can be used as access or aggregation switches in campus networks, MANs, or data centers. Ports can be upgraded from GE to 10 GE via licenses, protecting investment. Compact design allows desktop, wall, or rack mounting.
- 2. MikroTik Switches** Offer models with SFP+ 10Gbps uplink ports and dual 10 Gigabit Ethernet. Include compact PoE switches with fiber uplinks for CCTV, Wi-Fi APs, or IoT devices. Some models feature 16 SFP+ cages and dual power supplies for redundancy. Ideal for high-speed aggregation and small to medium enterprise networks.
- 3. D-Link DGS-1510 Series** Smart Managed switches with 10G SFP+ fiber uplinks. Stackable up to 6 units for a total of 288 Gigabit ports. Supports VLANs, link aggregation (LACP), static routing, and PoE options. Suitable for SMBs needing high-bandwidth uplinks to core networks or servers.
- 4. Omnitron OmniConverter PoE Switches** Provide one or two fiber uplink ports with up to eight PoE RJ-45 downlink ports. Available in managed or unmanaged models with VLAN, LLDP, and RSTP support. Designed for extending fiber networks to IP cameras, Wi-Fi APs, or edge devices.
- 5. Ruijie RG-NBS5300 Series** Multi-Gigabit Layer 3 managed switches with optical uplink ports. Supports 2.5 Gbps downlink ports for Wi-Fi 6 APs and PoE++ for high-power devices. Includes advanced security features like ACLs, port security, and DoS protection.

Considerations When Choosing Optical Uplink Switches

- Uplink Speed:** Common options include 1G, 10G, 25G, 40G, or 100G depending on network requirements.
- Port Type:** SFP, SFP+, QSFP+, or QSFP56-DD for higher bandwidth.
- PoE Support:** Useful for powering access points, cameras, or IoT d...

Article Content

ICX7550 | RUCKUS ICX 7550 Switches | RUCKUS

The RUCKUS ® ICX ® 7550 series of midrange stackable switches are purpose-built to provide wired connectivity at the edge of the network for the latest

400G vs 800G Ethernet in 2026: Data Center Trends

A practical 2026 guide to 800G Ethernet adoption: spine-leaf design, congestion control, observability, optics and fiber planning, and how to upgrade.

Gigabit 8 Port PoE Switch with 2 SFP Uplink Ports, Managed

Managed 8 port gigabit PoE+ switch with 120W PoE budget, 2 SFP fiber uplink ports, 802.3af/at support, extended PoE function, and web management.

CloudEngine S6730-H-V2 Series 10 GE Switches

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 extended slot. Learn more.

12-Port Fiber RJ45 Switch Buyer's Guide (2025–2026)

Compare 10G SFP+, Layer 3 managed, and industrial ruggedized 12-port fiber switches with RJ45 uplinks—covering AI infrastructure, WiFi 7 readiness, and cost-effective edge deployment.

Cisco SRW224P 24-Port 10/100 + 2-Port Gigabit

Other features of the Cisco SRW224P allow you to expand and grow your network of switches. Link aggregation allows multiple high-bandwidth trunks

Multi-Gig Ubiquiti Home Network Guide: Utilizing AT& T

Technical case study for building a multi-gigabit home network with UniFi. Learn Flow Control configuration, channel width optimization, and how to

MikroTik · Switches

With 16 Gigabit Ethernet ports and 2 SFP+ 10G uplink ports, you get all the connectivity you need without unnecessary bulk. Stack two units side by side in a

SWITCH POE GS1005PTS1 4-PORT + 1X UPLINK + 1X SFP CUDY

Due to the reliability and ensuring high quality of transmission, the GS1005PTS1 4-port PoE switch is an ideal solution for applications in CCTV IP installations. 4 ports support the Power over Ethernet

Planet Industrial 4×PoE++ Gigabit Switch with 2×RJ45 & 2×SFP Uplink ...

Rugged 8-Port Industrial Gigabit PoE++ switch with 95W PoE, SFP uplinks, and -40°C to 75°C operation for high-power, harsh environments.

Cloud Configuration: Release Versions and Highlights

Cloud-managed Catalyst switch platforms are now supported in the Meraki India, Meraki China, and Meraki Canada regional clouds. Both cloud configuration mode and device configuration

Gigabit uplink 51-port PoE switch-PoE Switch

The ONV-POE31048PF is a gigabit plink PoE fiber switch independently developed by ONV. It has 48*10/100M RJ45 ports and 3*10/100/1000M uplink RJ45 ports

Gigabit 6-port L2+ managed bypass industrial PoE switch

L2+ managed bypass industrial PoE fiber switch with 4*10/100/1000M RJ45 ports and 2*100/1000M uplink SFP fiber ports. Port 1-4 can support IEEE 802.3 af/at

CloudEngine S5736-S Series Switches | Huawei Enterprise

Feature-rich with software-defined port speeds. CloudEngine S5736-S Series Switches are next generation standard all-optical GE switches, with 48 downlink optical ports and four 10 GE uplink ports.

POE SWITCH / EXTENDER SPT-POE/3-POE-DIN-E 3-PORT + 1X UPLINK

Switch SPT-POE/3-POE-DIN-E is powered using the Uplink port from a PoE 802.3af/at power supply. The ports LAN 2 ... LAN 4 allow connected devices to be powered via POE 802.3af/at. The LAN 1

SWITCH POE DS-3E1310HP-EI(B) 8-PORT + 2X UPLINK Hikvision

The DS-3E1310HP-EI (B) switch is designed for large streams of video data in the CCTV IP surveillance networks.

2.5Gb Network Switch Buyer's Guide

The 2.5Gb network switch market is undergoing a significant shift from niche enthusiast hardware to mainstream consumer and SMB adoption. Driven by the IEEE 802.3bz standard, these switches

CloudEngine S5731-S Series Switches

Gigabit access switches providing all-GE electrical ports. The CloudEngine S5731-S series offers a range of standard gigabit access switches, with all-GE

Cudy switch poe gigabit 4poe + 1gbe + sfp port 120w gs1005pts1

The Cudy GS1005PTS1 4.0 is a robust 5-Port Gigabit PoE+ Unmanaged Switch equipped with an additional dedicated 1G SFP uplink slot, meticulously engineered for professional installations and...

Huawei S220-24T4X 24 Port Managed Switch

Buy original Huawei eKit S220-24T4X 24-Port Gigabit Web-Managed Switch in Myanmar. Features 4x 10GE SFP+ uplink ports & 128 Gbps fabric. Best price in Yangon.

Hisource Switch PoE 4 ports Gigabit actif 48V, avec 1 port uplink 1000 ...

Hisource 4 Port Gigabit POE Switch Active 48V Network Switch — VoIP en RedVozTelecom. Soporte en español y precios para Costa Rica y Latinoamérica.

Switch Port Planning + Optics & Cabling for

If 100G is your current uplink baseline, QSFP28 is the common port container. If your roadmap includes 400G/800G, QSFP-DD becomes relevant

MokerLink 24 Port Gigabit PoE Switch with 2 SFP Ports

Full Gigabit PoE+ Switch with 2 UpLink SFP Port. Exchange mechanism using storage and forwarding, All ports support line-speed switching. Compatible with

24-Port 10G Ethernet L3 Stackable Fiber Switch with

Explore QSFPTEK S7300-24X2C L3 10G Ethernet fiber optic switch! The 24 port

32 Port POE Switch

Discover 32 port PoE switches with gigabit speeds, IEEE802.3af/at support, and CE certification. Ideal for IP cameras, network switches, and Ethernet hubs.

Campus Switches RG-SF2920-8GT2MG2XS-P 8-Port GE All-Optical

The Simplified Optical Ethernet solution adopts point-to-point transmission and provides a more reliable independent optical transceiver design. The high-quality signal transmission is free from external

24-Port Layer 3 SFP Switch Buyer's Guide 2024

Layer 3 Managed POE Switch 48V Power Supply 4 SFP/SFP+ Optical Ports 16/24/48 Gigabit Electric Ports 4 Uplink Ports 598Gbps \$208-699.204.8(265) MOQ: 1 piece SFP11% reorder rate≤2h

RG-NBS5300-8MG2XS-UP, 10 Ports Multi-Gigabit

RG-NBS5300-8MG2XS-UP 10 Ports Multi-Gigabit Layer 3 Managed Switch with 8 PoE++ Ports, 2 SFP+ Uplink Ports Enterprise, Hotel, Factory, Education, Retail,

Contact Us

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