

48-port Layer 2 Network Access Switch



Article Overview

A 48-port Layer 2 switch provides high-density Gigabit connectivity for access networks, supporting PoE, SFP uplinks, and managed or smart features for SMBs and branch offices.

Overview

A 48-port Layer 2 switch is designed to connect multiple devices within a local area network (LAN) at the access layer. These switches typically offer 48 Gigabit Ethernet ports, often with Power over Ethernet (PoE/PoE+) support, allowing devices like IP phones, cameras, and wireless access points to receive power directly from the switch. Many models also include SFP or SFP+ uplinks for fiber connectivity to aggregation or core switches, enhancing scalability and network flexibility.

Key Features

- **Port Density:** 48 RJ45 ports for high-density device connectivity.
- **PoE Support:** Many models provide PoE or PoE+ with a total power budget (e.g., Cisco Catalyst 1000 supports up to 370W), ensuring critical devices remain powered without exceeding limits.
- **Uplinks:** Typically 2-4 SFP/SFP+ ports for fiber uplinks to higher-layer switches or data center connections.
- **Management Options:** Available as unmanaged, smart-managed, or fully managed switches. Managed switches allow VLAN configuration, QoS, port security, and monitoring for enterprise-grade control.
- **Energy Efficiency:** Many switches include energy-saving features, fanless designs,...

Article Content

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24/48 Port Fast Ethernet Layer 2 Managed Switch with 4 Combo ...

DIGISOL DG-FS4528 and DG-FS4552 are Fast Ethernet Layer 2/4 switches featuring 28 and 52 ports; 24/48 100Base-TXports and

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GWN7806(P) | Grandstream Networks

The GWN7806 (P) is a high-performance layer 2+ managed network switch with 48 ports that allows small-to-medium enterprises to

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48 Port 2.5 Gigabit Switches

48 Port 2.5 Gigabit Switches 2.5-Gigabit Switches are ideal for supporting WiFi 7 access points, which typically feature 2.5-Gigabit

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Layer 2 Managed Switches

Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features based on the IEC

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In this guide, we've tested and reviewed the best 48-port network switch on the market to help you find the right one for

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Scale your infrastructure fast with our 48 port switches featuring PoE and SFP uplinks. Choose from

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Cisco Sge2010p 48 Port Gigabit Switch Data Sheet

Product Overview The Cisco® SGE2010 48-Port Gigabit Switch (Figure 1) allows you to expand your network securely. Web-based

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Network Switches

Cisco network switches deliver performance, flexibility, and security. Cisco switches are scalable and cost

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48 Port Switches | Lanmus | Your Global Partner for

It combines 48 Gigabit PoE ports with four committed 10G SFP+ uplinks, permitting quicker statistics

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Meraki MS130-48

The MS130-48 cloud-managed 48 GbE network switch is optimized for medium to large campuses with Wi-Fi and IoT deployments.

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Cisco Catalyst 1000 Series 24-Port and 48-Port Switch Hardware ...

RJ-45 console port. USB Type A port supports file system. The Cisco Catalyst 1000 Series Fast Ethernet switches are

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48 Port PoE Network Switches

48 port PoE network switches provide a reliable solution for managing multiple devices across your network with efficiency and ease.

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Omada Pro 48-Port PoE+ Gigabit L2+ Managed Switch with 4 SFP Slots

Layer 2 and Layer 3 features include Proxy ARP, Static Routing, OAM, DDM, sFlow, L2PT, and DLDP to meet the needs of ISP

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4000 Series

4220 family includes 8, 12, 24, and 48-port models with gigabit and multi-gigabit (1/2.5/5Gb) access ports,

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Cisco Catalyst 4948 10 Gigabit Ethernet Switch Data

The Cisco Catalyst 4948 10 Gigabit Ethernet Switch delivers wire-speed throughput with low latency for

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Omada Pro 48-Port PoE+ Gigabit L2+ Managed Switch

PoE support together with high-performance static routing, enterprise-level QoS, advanced security

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24/48 Port Gigabit Ethernet Access Layer 3 Switch

DIGISOL DG-GS4600SE is a series of Access Layer 3 Gigabit Ethernet switch designed for LAN networks. It supports

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Meraki MS225-48

Discover the Meraki MS225-48 stackable access switch information. Learn about highlights and compatible accessories of this

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Cisco Catalyst 2960-L Series 24-Port and 48-Port Switch Hardware ...

The Cisco Catalyst 2960-L Series switches are fixed-configuration, Gigabit Ethernet switches that provide entry-level

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H3C S5000PV5-EI Series Gigabit Access Switches-H3C

H3C S5000PV5-EI Series Gigabit Access Switches Multi-type Port Access Ethernet fiber port and copper port capability offers

Dec 07, 2025

48 Port Layer 2 Managed Switches

Explore a comprehensive range of 48-port Layer 2 managed switches from top brands like Cisco, Netgear,

Dec 16, 2025

48 Port Gigabit Switch | Comms Express

Managed and configured by the UniFi Network Controller with UniFi mobile app support, the USW-48 switch offers an extensive suite

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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