

10 Gigabit Switch Fiber Port Layer 3 Functions



Overview

The L3-10XGF12 series supports flexible gigabit access and scalability of high-density 10G ports. All models provide fixed 10G fiber ports. With high switching capacity, the L3-10XGF12 support wire-speed L2/L3 forwarding and high routing performance for IPv4. To meet the needs of critical infrastructure networks, Actelis provides hardened and managed DIN rail and rackmount 10 Gigabit Ethernet switches with optional PoE. High density hardened, fanless fiber fed switches able to support four 1G or 10G interfaces and up to eight high speed Gigabit. The DXS-3400 Series switches feature a modular fan and power supply design for a high availability architecture. The hot-swappable design means that fans and power supplies can be replaced without affecting switch operation. To ensure optimal transmission performance, the use of high-quality branded optical modules and fibers is recommended. L3/L2 Web Managed - Supports Layer 3 management, IPv4/IPv6, Static Routing, OSPF, RIP, BGP4. PLANET XGS-6350-12X8TR is a Layer 3 Managed Gigabit Switch that provides high-density performance by its Layer 3 10Gigabit routing with 12 SFP+ fiber interfaces and 8 Gigabit interfaces delivered in a rugged case. Based on the proven Cisco ® Catalyst 4500 Series hardware and software architecture, the Cisco Catalyst 4948 10 Gigabit.



Article Content

Sep 16, 2025

10 Gigabit Ethernet Switches

The GL5080 features Layer 3 switching capabilities and offers wire-speed switching across 16 ports. GL5080 incorporates a

Jun 14, 2026

10 Gb Gigabit Switches | NETGEAR

The 12-port 10-Gigabit Smart Switch, offers twelve (12) 10GbE copper connectivity ports and two (2) shared 10 GbE fiber SFP+ ports

Feb 13, 2026

SM12XPA | Network Switches | Lantronix

The SM12XPA switch provides 340 Gbps switching capacity with (12) 1G/10G SFP+ and (2) 1G/10G/25G SFP28 slots and (1) RJ-45

Jul 18, 2026

Cisco Catalyst 4948 10 Gigabit Ethernet Switch Data Sheet

Based on the proven Cisco ® Catalyst 4500 Series hardware and software architecture, the Cisco Catalyst 4948 10

Jun 22, 2026

Cisco Multigigabit Technology

Cisco Catalyst 9600 Series Modular, Layers 2 and 3, up to 25.6 Tbps, Silicon One ASIC (new) Up to 4 x 400G (new), 48 x 100G, 96

Oct 20, 2025

Cisco Nexus 7700 F3-Series 48-Port Fiber 1 and 10 Gigabit Ethernet ...

This extremely comprehensive set of Layer 2 and Layer 3 functions makes this module excellent for data center

Jul 02, 2026

XGS-6350-12X8TR

The XGS-6350-12X8TR can be programmed for basic switch management functions such as port speed configuration, port

Jan 07, 2026

Everything You Need to Know About a 10-Port Gigabit Ethernet Switch

A ten-port switch that supports Gigabit Ethernet is necessary to form a reliable and high-speed network in a home

Dec 30, 2025

100 Gigabit Ethernet

100 Gigabit Ethernet 40 Gigabit Ethernet (40GbE) and 100 Gigabit Ethernet (100GbE) are groups of computer networking

Apr 11, 2026

32-Port 10G Layer 3 Stackable Aggregation Managed

28 Ports 10 GbE Multi-Gigabit for downlink 4 Ports 10/25 GbE SFP28 for uplink
Physical stack of up to 9

Aug 07, 2025

L3-10XGF12: Layer 3 12-port 10G Managed Full Fiber Switch

The L3-10XGF12 series supports flexible gigabit access and scalability of high-density 10G ports. All models provide fixed 10G fiber

Feb 12, 2026

Layer 3 switches explained

Layer 3 switches, on the other hand, use a switch backplane that has bandwidth capacity far greater than that of a

Dec 05, 2025

Cisco Industrial Ethernet 3010 Series Switches Layer 2/Layer 3

Cisco IE-3010-24TC: Rugged Industrial Ethernet switch with 24 10/100BASETX ports and 2 dual-purpose Gigabit

May 16, 2026

32-Port 10 Gigabit Layer 3 Stackable Managed Switch with 28 10Gb

The DXS-3410-32SY 10 Gigabit Stackable Managed Switch has 28 SFP+ ports and 4 10/25Gb SFP28 ports. The switch offers

Jul 08, 2026

ICS-G7850A Series

ICS-G7850A Series 48G+2 10GbE Layer 3 full Gigabit modular managed Ethernet switches Features and Benefits Up to 48 Gigabit

Sep 26, 2025

10 Gigabit Switch 28 Port Layer 3 Managed

The ICS5428 is a series of 28-port 10 Gigabit industrial Ethernet switches. This series of layer 3 managed switches provides 10

May 09, 2026

48-Port Gigabit SFP+ 4-Port 10G SFP+ L3 Managed Ethernet Switch

OVERVIEW The switch is 48-Port Gigabit SFP+ 4-Port 10G SFP+ L3 Managed Ethernet Switch. It is full fiber stackable routing

Feb 05, 2026

Understanding 10G Switches: The Future of Network Connectivity

Explore 10G switches: the future of network connectivity. Learn about 10Gb Ethernet, gigabit speeds, 10G switch

Feb 07, 2026

Everything You Need to Know About a 16-Port Full Gigabit L3

The network device called a 16-port Full Gigabit Layer 3 Managed Power over Ethernet (PoE) switch provides power

Jul 08, 2026

Layer 3 Network Switches

Actelis" Layer 3 network switches are managed, hardened, and feature Gigabit switching capacity, static routing, RIP v1/v2, OSPF

Contact Us

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