CISCO WS-C2960X-48FPS-L

Catalyst 2960-X Series Managed Gigabit PoE+ Switch

Enterprise Access Switch | 48-Port Gigabit Ethernet | PoE+

PRODUCT OVERVIEW

The **Cisco WS-C2960X-48FPS-L** is an enterprise-class managed switch from the **Cisco Catalyst 2960-X Series**, designed for reliable access-layer connectivity in business and enterprise networks. It provides **48 Gigabit Ethernet PoE+ ports** for connecting and powering IP phones, wireless access points, security cameras, and other powered network devices.

The switch also provides **four 1G SFP uplink interfaces**, advanced Layer 2 capabilities, Cisco management features, and support for FlexStack-Plus stacking.

TECHNICAL SPECIFICATIONS

Specification	Details
Brand	Cisco
Model	WS-C2960X-48FPS-L
Series	Cisco Catalyst 2960-X
Switch Type	Managed Ethernet Switch
Switching Layer	Layer 2 with selected Layer 3 features
Form Factor	1U Rack-Mountable
Access Ports	48 × 10/100/1000BASE-T
Port Type	RJ-45 Gigabit Ethernet
Uplink Ports	4 × 1G SFP
Port Speed	10/100/1000 Mbps
PoE	IEEE 802.3af / 802.3at PoE+
PoE Budget	740 W
Switching Capacity	216 Gbps
Forwarding Rate	107.1 Mpps
Stacking	Cisco FlexStack-Plus
Management	CLI, Web, SNMP
Rack Support	Standard 19-inch rack
Power Supply	Internal AC power supply
Deployment	Enterprise Access Layer

KEY FEATURES

- 48 × Gigabit Ethernet access ports
- PoE+ support for powered network devices
- 740W total PoE power budget
- 4 × 1G SFP uplink interfaces
- 216 Gbps switching capacity
- 107.1 Mpps forwarding performance
- Cisco FlexStack-Plus stacking capability
- Layer 2 switching with selected Layer 3 functionality
- Enterprise-grade network management
- 1U rack-mountable design

PORT & CONNECTIVITY

Access Ports:
48 × RJ-45 10/100/1000BASE-T Gigabit Ethernet

Uplink Ports:
4 × 1G SFP

PoE:
IEEE 802.3af/802.3at PoE+

PoE Power Budget:
740 W

PERFORMANCE

Switching Capacity:
216 Gbps

Forwarding Rate:
107.1 Mpps

Architecture:
Enterprise access-layer switching

FORM FACTOR

Rack Height: 1U
Rack Compatibility: Standard 19-inch rack
Configuration: Fixed configuration

MANAGEMENT

- Cisco IOS-based management
- Command-Line Interface (CLI)
- Web-based management
- SNMP network management
- Cisco FlexStack-Plus support

TYPICAL APPLICATIONS

- Enterprise LAN networks
- Office network infrastructure
- IP telephone deployments
- Wireless access point connectivity
- IP surveillance cameras
- Access-layer network deployments
- Data and voice network convergence

PRODUCT IDENTIFICATION

Product: Cisco WS-C2960X-48FPS-L
Product Family: Cisco Catalyst 2960-X Series
Category: Managed Gigabit Ethernet PoE+ Switch
Port Configuration: 48 × Gigabit Ethernet + 4 × 1G SFP
Form Factor: 1U Rack-Mountable

Specifications are provided for product-reference purposes. Actual features and capabilities may vary according to software version, configuration, and deployment. Verify the exact hardware and software configuration before purchase or installation.