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CISCO CATALYST

9300X SERIES

48-PORT 10G

90W UPOE+

— CISCO CATALYST 9300X SERIES

Cisco Catalyst C9300X-48HX

48-Port 10G UPOE+ Switch

The Cisco Catalyst C9300X-48HX is a high-performance, enterprise-class managed switch designed for demanding access-layer networks. It features 48 multigigabit copper ports supporting speeds up to 10 Gbps, Cisco UPOE+ with up to 90W per port for compatible powered devices, and modular uplink options for flexible high-speed connectivity. With Cisco StackWise-1T technology and the Cisco IOS XE software platform, it is built for scalable enterprise networking environments.

[View Full Specifications](#)[Official Cisco Datasheet](#)[WhatsApp NexoGet](#)

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48

90W

10G Multigigabit Ethernet Ports

Maximum UPOE+ Power per Port

1T

StackWise-1T Stacking Technology

1100W

Default AC Power Supply Rating

PRODUCT OVERVIEW

High-Speed Enterprise Switching with Cisco UPOE+

The Cisco Catalyst C9300X-48HX combines high-density multigigabit connectivity, advanced power delivery and flexible uplink expansion in a rack-mountable enterprise switch. It is designed for organizations that need reliable access connectivity for wireless access points, IP devices, collaboration endpoints and other compatible network equipment.

48P

48 Multigigabit Ports

Provides 48 copper Ethernet ports supporting 100 Mbps, 1G, 2.5G, 5G and 10G link speeds, depending on the connected device.

90W

Cisco UPOE+

Supports up to 90W per port for compatible powered devices, subject to power-supply capacity, configuration and the overall power budget.

UP

Modular Uplinks

Supports compatible Cisco Catalyst 9300X network modules, allowing uplink options to be selected for the required network design.

1T

StackWise-1T

Supports Cisco StackWise-1T technology for high-bandwidth stacking in supported configurations.

L3

IOS

Enterprise Switching

Supports enterprise Layer 2 and Layer 3 networking capabilities according to software, license and configuration.

Cisco IOS XE

Uses Cisco IOS XE, Cisco's enterprise network operating system for supported Catalyst 9300X switch configurations.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300X-48HX Detailed Specifications

The following specifications are based on Cisco's Catalyst 9300 Series documentation. Exact features and included components may depend on the complete product SKU and selected configuration.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300X Series
Model	C9300X-48HX
Example Ordering SKUs	C9300X-48HX-E (Network Essentials), C9300X-48HX-A (Network Advantage)
Product Type	Managed Enterprise Network Switch
Switch Architecture	Modular uplink switch
Total Network Ports	48 multigigabit copper Ethernet ports
Ethernet Port Speeds	100 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps and 10 Gbps
Port Type	Multigigabit RJ-45 Ethernet

Specification	Details
PoE Technology	Cisco UPOE+
Maximum PoE Power per Port	Up to 90W for compatible powered devices
Uplink Architecture	Modular network module slot
Supported Uplink Options	Depends on compatible network module; supported module families include 10G, 25G, 40G and 100G options
Default AC Power Supply	1100W AC
Stacking Technology	Cisco StackWise-1T
Management Software	Cisco IOS XE
Network Layer	Layer 2 and Layer 3 capabilities, subject to configuration and licensing
Rack Mounting	1U rack-mountable chassis
Chassis Height	1.73 inches (4.4 cm)
Chassis Width	17.5 inches (44.5 cm)
Chassis Depth	19 inches (48.3 cm) for chassis only; 22.03 inches (56.0 cm) with the default power supply configuration
Device Weight	Verify the exact weight against the selected power-supply and hardware configuration. This is not shipping-package weight.

Specification	Details
Power Input	AC power; confirm PSU and regional power-cord configuration when ordering
Target Environment	Enterprise access networks and high-performance LAN environments

SKU note: C9300X-48HX-E and C9300X-48HX-A are different licensing configurations. Confirm the complete SKU, license, included power supply, network module and hardware configuration before ordering.

02 / MULTIGIGABIT AND POWER

10G Multigigabit Connectivity and 90W UPOE+

Modern enterprise access networks often need both high-speed wired connectivity and power delivery over Ethernet. The C9300X-48HX combines multigigabit access with Cisco UPOE+ for supported network devices.

10G

High-Speed Wired Access

The 48 multigigabit ports support compatible devices operating at up to 10 Gbps, helping meet demanding enterprise access requirements.

PoE

Power over Ethernet

UPOE+ can provide power and network connectivity over Ethernet to compatible devices, helping reduce the need for separate power adapters.

AP

Wireless Infrastructure

Suitable for supported enterprise wireless access points and other compatible powered equipment requiring high-speed network access.

Power budget: The maximum power available per port depends on the installed power supply, switch configuration and total PoE demand. A 90W port rating does not mean every port can necessarily deliver 90W simultaneously in every configuration.

03 / EXPANSION AND SCALABILITY

Flexible Uplink Expansion and StackWise-1T

The modular uplink design lets network architects select compatible uplink hardware for their network topology. StackWise-1T supports high-bandwidth stacking in supported Catalyst 9300X deployments.

MOD

Modular Network Options

Select an appropriate supported Cisco network module based on required uplink speeds, interface types and network design.

100G

High-Speed Uplink Choices

Compatible Catalyst 9300X network modules provide different uplink capabilities. Verify module compatibility and port availability before ordering.

1T

StackWise-1T Technology

Supports up to 1 Tbps stacking bandwidth in supported Catalyst 9300X configurations. Mixed-stack capabilities depend on the specific models.

Compatibility reminder: Network modules are not universally interchangeable across all Catalyst generations. Check Cisco's module compatibility documentation for the exact switch model.

04 / APPLICATIONS

Where the Cisco Catalyst C9300X-48HX Fits Best

The C9300X-48HX is designed for enterprise environments that need high-density multigigabit access, substantial power delivery and flexible network expansion.

ENT

Enterprise Networks

Supports access-layer connectivity for business networks with demanding bandwidth and power needs.

WAP

High-Performance Wi-Fi

Provides multigigabit Ethernet connectivity and UPOE+ for compatible enterprise wireless access points.

BLD

Smart Buildings

Can connect supported powered network endpoints in modern building and campus infrastructure.

CAM

Networked Devices

Provides wired access for compatible powered devices requiring enterprise network connectivity.

CAM

Campus Access

A potential fit for campus networks requiring dense 10G multigigabit access and modular uplinks.

IT

Enterprise IT Infrastructure

Suitable for network environments that require centrally managed switching and flexible expansion.

Cisco Catalyst 9300X-48HX vs. Related Switches

Compare the C9300X-48HX with related Cisco Catalyst models to identify the appropriate port type and connectivity profile for your network.

Feature	C9300X-48HX	C9300X-24Y-E	C9300-24S-E
Product Family	Catalyst 9300X	Catalyst 9300X	Catalyst 9300
Access Interfaces	48 multigigabit copper ports	24 SFP28 fiber ports	24 SFP fiber ports
Maximum Access Port Speed	10 Gbps	25 Gbps	Depends on supported SFP interface
UPOE+	Yes	Not applicable to its fiber access ports	Not applicable to its fiber access ports
Uplink Design	Modular	Modular	Modular

Comparison note: Port counts, interface types and power capabilities differ by model. Check each product's datasheet and exact SKU before selecting a switch.

Explore Related Cisco Catalyst Switches

Explore other Cisco Catalyst models available in the NexoGet catalog for alternative port counts, connectivity types and network deployment requirements.

[Cisco Catalyst C9300X-12Y-E →](#)

[Cisco Catalyst C9300X-24Y-E →](#)

[Cisco Catalyst C9300-24S-E →](#)[Cisco Catalyst C9500-48Y4C-E →](#)[Cisco Catalyst C9200-48T-E →](#)[Cisco Catalyst C9200-48P-E →](#)[Cisco Catalyst C9300L-48T-4X-A →](#)[Browse All Network Products →](#)

07 / DOCUMENTATION

Cisco C9300X-48HX Product Documentation

Review Cisco's official documentation for detailed specifications, ordering information, supported network modules and deployment guidance.

PDF

Official Datasheet

Consult the Cisco Catalyst 9300 Series datasheet for supported configurations and technical details.

[View Cisco Datasheet](#)**DOC**

Hardware Documentation

Review installation and hardware information before planning rack mounting, power and cabling.

[View Hardware Specs](#)**WEB**

Cisco Catalyst 9300 Series

Explore the official Cisco Catalyst 9300 Series platform and its enterprise networking capabilities.

[Visit Cisco](#)

Video: If you want to embed a product video here, use a verified Cisco video that specifically covers the Catalyst 9300X family or the C9300X-48HX. Avoid embedding unrelated switch videos or assuming that a general Catalyst video demonstrates every feature of this model.

08 / BEFORE YOU ORDER

Important Purchasing and Compatibility Information

- 1. Exact SKU:** Confirm whether you need C9300X-48HX-E, C9300X-48HX-A or another specific licensing configuration.
- 2. Network Modules:** Uplink modules may be sold separately. Verify the required module and its compatibility before ordering.
- 3. Power Configuration:** Confirm the included power supply, power cords and the power budget required by connected PoE devices.
- 4. Software and Licensing:** Available features can depend on the software package, license and configuration selected for the switch.
- 5. Shipping Information:** Shipping weight and carton dimensions may differ from the physical dimensions and weight of the switch itself. Confirm actual shipping-package measurements with the supplier.
- 6. Stock and Condition:** Confirm stock availability, product condition, included accessories and delivery details with NexoGet before ordering.

Need Pricing or Availability for C9300X-48HX?

Contact NexoGet for pricing, stock availability, product condition, licensing configuration, compatible accessories, shipping options and enterprise networking quotations.

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