

— CISCO CATALYST 9300 SERIES

Cisco Catalyst C9300-24UX Switch

The Cisco Catalyst C9300-24UX is a leading enterprise-class stackable access switch designed for high-density Wi-Fi 6/6E, smart building IoT devices, and demanding campus workloads. It features 24 Multigigabit Ethernet ports (100M/1G/2.5G/5G/10G), Cisco UPOE providing up to 60W per port, StackWise-480 technology, and modular network uplinks.

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24

Multigigabit Ports (Up to 10G)

60W

Cisco UPOE Power per Port

480 Gbps

StackWise Stacking Bandwidth

UADP 2.0

Programmable ASIC Architecture

PRODUCT OVERVIEW

Next-Generation Enterprise Multigigabit Switching

Built for secure, software-defined access, the Cisco Catalyst C9300-24UX delivers robust performance, advanced security features, and flexible power options to handle high-bandwidth wireless access points and modern endpoint infrastructure seamlessly.

mGig**Multigigabit Speeds**

Supports auto-negotiation across 100M, 1G, 2.5G, 5G, and 10G speeds over standard Cat5e/Cat6 copper cabling.

UPOE**Universal PoE (60W)**

Delivers up to 60W per port to power Wi-Fi 6/6E access points, IP cameras, and smart building sensors.

Stk**StackWise-480**

High-density stacking technology providing up to 480 Gbps of stacking bandwidth for unified management.

Sec**Advanced Security**

Features Encrypted Traffic Analytics (ETA), AES-128 MACsec encryption, and Cisco TrustSec.

Mod**OS**

Modular Uplinks

Field-replaceable network uplink modules supporting 1G, 10G, 25G, and 40G interface options.

Cisco IOS XE

Open, programmable architecture supporting model-driven telemetry and automated provisioning.

01 / TECHNICAL SPECIFICATIONS

Cisco Catalyst C9300-24UX Detailed Specifications

Technical specifications and hardware parameters based on official Cisco documentation.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300 Series
Product Model	Catalyst C9300-24UX
Product Type	Enterprise Managed Stackable Switch
Total Downlink Ports	24 x Cisco Multigigabit (100M, 1G, 2.5G, 5G, 10G)
PoE Support	Cisco UPOE (Universal Power over Ethernet)
PoE Power per Port	Up to 60W per port
Default PoE Budget	560W (Expandable with dual power supplies)
Stacking Bandwidth	Up to 480 Gbps via StackWise-480

Specification	Details
Switching Capacity	Up to 640 Gbps
Forwarding Rate	476.19 Mpps
ASIC Architecture	Cisco UADP 2.0
DRAM / Flash Memory	8 GB DRAM / 16 GB Flash
Uplink Slots	Modular Network Modules (1G, 10G, 25G, 40G options)
Software Image	Network Essentials or Network Advantage
Power Supplies	Dual redundant modular power supplies
Form Factor	Rack-Mountable (1RU)
Warranty	Cisco standard limited lifetime hardware warranty

02 / DEPLOYMENT SCENARIOS

Where the Cisco C9300-24UX Fits Best

WiFi

Wi-Fi 6 / 6E Deployments

IoT

Smart Buildings & IoT

Provides multi-gigabit throughput and high-wattage UPOE power required for modern wireless access points.

Powers building automation systems, intelligent lighting, security cameras, and IP phones securely.

Ent

Enterprise Campus Access

Delivers resilient, high-performance stacking and zero-trust security for corporate networks.

03 / IMPORTANT INFORMATION

Before You Order

SKU & Licensing: Confirm the required software license tier (Network Essentials vs. Network Advantage) and Cisco DNA subscription before purchase.

Power Supplies: Verify default power supply configurations and power budgets for high-density UPOE deployments.

Availability: Contact NexoGet to verify stock status, hardware revisions, modular uplink options, and shipping details.



Need Pricing or Availability for C9300-24UX?

Contact NexoGet for competitive pricing, stock availability, datasheet verification, accessories, and enterprise IT hardware quotations.

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