



Overview

C9500-40X-E is one of the the Cisco Catalyst 9500 Series Switches. The Cisco Catalyst 9500 Series Switches are the next generation of enterprise-class core and aggregation layer switches, supporting full programmability and serviceability. Based on an x86 CPU, the Catalyst 9500 Series is Cisco's lead purpose-built fixed core and aggregation enterprise switching platform, built for security, IoT, and cloud. The Catalyst 9500 Series is the industry's first purpose-built 40 Gigabit Ethernet line of switches targeted for the enterprise campus.

Quick Specification

Product Code	C9500-40X-E
Description	Catalyst 9500 40-port 10Gig switch, Network Essentials
Rack units (RU)	1 RU
Switching capacity	Up to 960 Gbps
Forwarding rate	Up to 720 Mpps
AC power max rating	950W
System power consumption	850W max
Dimensions	1.73 x 17.5 x 21.52 in



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Product Details:

The Front Panel:



The Accessories for C9500

Modules and Cables:

Category	Model	Description
Power Supply	PWR-C4-950WAC-R	950W AC Config 4 Power Supply front to back cooling
	PWR-C4-950WAC-R/2	950W AC Config 4 Power Supply front to back cooling
Console Cables	CAB-CONSOLE-RJ45	Cisco CAB-CONSOLE-RJ45 Console Cable 6ft with RJ45 and DB9F
	CAB-CONSOLE-USB	Cisco CAB-CONSOLE-USB Console Cable 6 ft with USB Type A and mini-B

Get more information:

Do you have any question about C9500-40X-E?

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Specific Data Sheet:

Model	C9500-40X-E
Downlinks total 10/100/1000 or PoE+ copper ports	48 ports data

C9500-40X-E Datasheet

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Uplink configuration	Modular uplink options
PWR-C5-125WAC	PWR-C6-125WAC
Fans	FRU redundant
Software	Network Essentials
Chassis Dimensions	1.73 x 17.5 x 13.8 in 4.4 x 44.5 x 35.0 cm
Virtual Networks	4
Stacking bandwidth	160 Gbps
Total number of MAC addresses	32,000
Total number of IPv4 routes (ARP plus learned routes)	14,000 (10,000 direct routes and 4,000 indirect routes)
IPv4 routing entries	4,000
IPv6 routing entries	2,000
Multicast routing scale	1,000
QoS scale entries	1,000
ACL scale entries	1,600
Packet buffer per SKU	6 MB buffers for 24- or 48-port Gigabit Ethernet models
Flexible NetFlow (FNF) entries	16,000 flows on 24- and 48-port Gigabit Ethernet models
DRAM	4 GB
Flash	4 GB
VLAN IDs	4096
Total Switched Virtual Interfaces (SVIs)	1000
Jumbo frames	9198 bytes
Wireless bandwidth per switch	Up to 48 Gbps on 24-port and 48-port Gigabit Ethernet model
Switching capacity	176 Gbps
Forwarding rate	261.9 Mpps
Mean time between failures (hours)	571,440



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