#### C9300L-24P-4X-A Datasheet





#### Overview

Cisco Catalyst 9300 Series is the next generation of the industry's most widely deployed stackable switching platform. Built for security, IoT, and the cloud, these network switches form the foundation for Cisco's Software-Defined Access, our leading enterprise architecture. Cisco Catalyst 9300L switches are the Catalyst 9300 switches with fixed modules.

#### **Product Details**

Table 1 shows the models list.

SKU	Description
C9300L-24T-4G-E	Catalyst 9300 24-port fixed uplinks data only, 4X1G uplinks, Network Essentials
C9300L-24T-4G-A	Catalyst 9300 24-port fixed uplinks data only, 4X1G uplinks, Network Advantage
C9300L-24P-4G-E	Catalyst 9300 24-port fixed uplinks PoE+, 4X1G uplinks, Network Essentials
C9300L-24P-4G-A	Catalyst 9300 24-port fixed uplinks PoE+, 4X1G uplinks, Network Advantage
C9300L-48T-4G-E	Catalyst 9300 48-port fixed uplinks data only, 4X1G uplinks, Network Essentials
C9300L-48T-4G-A	Catalyst 9300 48-port fixed uplinks data only, 4X1G uplinks, Network Advantage
C9300L-48P-4G-E	Catalyst 9300 48-port fixed uplinks PoE+, 4X1G uplinks, Network Essentials
C9300L-48P-4G-A	Catalyst 9300 48-port fixed uplinks PoE+, 4X1G uplinks, Network Advantage
C9300L-48PF-4G-E	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X1G uplinks, Network Essentials
C9300L-48PF-4G-A	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X1G uplinks, Network Advantage
C9300L-24T-4X-E	Catalyst 9300 24-port fixed uplinks data only, 4X10G uplinks, Network Essentials
C9300L-24T-4X-A	Catalyst 9300 24-port fixed uplinks data only, 4X10G uplinks, Network Advantage
C9300L-24P-4X-E	Catalyst 9300 24-port fixed uplinks PoE+, 4X10G uplinks, Network Essentials
C9300L-24P-4X-A	Catalyst 9300 24-port fixed uplinks PoE+, 4X10G uplinks, Network Advantage
C9300L-48T-4X-E	Catalyst 9300 48-port fixed uplinks data only, 4X10G uplinks, Network Essentials
C9300L-48T-4X-A	Catalyst 9300 48-port fixed uplinks data only, 4X10G uplinks, Network Advantage
C9300L-48P-4X-E	Catalyst 9300 48-port fixed uplinks PoE+, 4X10G uplinks, Network Essentials
C9300L-48P-4X-A	Catalyst 9300 48-port fixed uplinks PoE+, 4X10G uplinks, Network Advantage
C9300L-48PF-4X-E	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X10G uplinks, Network Essentials
C9300L-48PF-4X-A	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X10G uplinks, Network Advantage

#### **Get More Information**

Do you have any question about the Cisco Catalyst 9300L Switches?

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## Specification

Cisco Catalyst 9300L Switches Specification		
Designed to replace	Catalyst 3850	
Supported IOS	Network Advantage, Network Essentials	
Network modules options	Fixed Modules	
Stack Technology	StackWise-320	
Stacking bandwidth	320 Gbps	
Total number of MAC addresses	32,000	
Total number of IPv4 routes (ARP plus learned routes)	32,000 (24,000 direct routes and 8000 indirect routes)	
IPv4 routing entries	-	
IPv6 routing entries	16,000	
Multicast routing scale	8,000	
QoS scale entries	5,120	
ACL scale entries	5,120	
Packet buffer per SKU	16 MB buffer for 24 and 48 port Gigabit Ethernet models	
Flexible NetFlow (FNF) entries	64,000 flow on 24- and 48-port Gigabit Ethernet models	
DRAM	8 GB	
Flash	16 GB	
VLAN IDs	4094	
Total Switched Virtual Interfaces (SVIs)	1000	
Jumbo frames	9198 bytes	
Switching capacity	56 Gbps - 176 Gbps	
Forwarding rate	41.66 Mpps - 130.95 Mpps	

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