

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
<a href="#">C9300L-24T-4G-E</a>	Catalyst 9300 24-port fixed uplinks data only, 4X1G uplinks, Network Essentials
<a href="#">C9300L-24T-4G-A</a>	Catalyst 9300 24-port fixed uplinks data only, 4X1G uplinks, Network Advantage
<a href="#">C9300L-24P-4G-E</a>	Catalyst 9300 24-port fixed uplinks PoE+, 4X1G uplinks, Network Essentials
<a href="#">C9300L-24P-4G-A</a>	Catalyst 9300 24-port fixed uplinks PoE+, 4X1G uplinks, Network Advantage
<a href="#">C9300L-48T-4G-E</a>	Catalyst 9300 48-port fixed uplinks data only, 4X1G uplinks, Network Essentials
<a href="#">C9300L-48T-4G-A</a>	Catalyst 9300 48-port fixed uplinks data only, 4X1G uplinks, Network Advantage
<a href="#">C9300L-48P-4G-E</a>	Catalyst 9300 48-port fixed uplinks PoE+, 4X1G uplinks, Network Essentials
<a href="#">C9300L-48P-4G-A</a>	Catalyst 9300 48-port fixed uplinks PoE+, 4X1G uplinks, Network Advantage
<a href="#">C9300L-48PF-4G-E</a>	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X1G uplinks, Network Essentials
<a href="#">C9300L-48PF-4G-A</a>	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X1G uplinks, Network Advantage
<a href="#">C9300L-24T-4X-E</a>	Catalyst 9300 24-port fixed uplinks data only, 4X10G uplinks, Network Essentials
<a href="#">C9300L-24T-4X-A</a>	Catalyst 9300 24-port fixed uplinks data only, 4X10G uplinks, Network Advantage
<a href="#">C9300L-24P-4X-E</a>	Catalyst 9300 24-port fixed uplinks PoE+, 4X10G uplinks, Network Essentials
<a href="#">C9300L-24P-4X-A</a>	Catalyst 9300 24-port fixed uplinks PoE+, 4X10G uplinks, Network Advantage
<a href="#">C9300L-48T-4X-E</a>	Catalyst 9300 48-port fixed uplinks data only, 4X10G uplinks, Network Essentials
<a href="#">C9300L-48T-4X-A</a>	Catalyst 9300 48-port fixed uplinks data only, 4X10G uplinks, Network Advantage
<a href="#">C9300L-48P-4X-E</a>	Catalyst 9300 48-port fixed uplinks PoE+, 4X10G uplinks, Network Essentials
<a href="#">C9300L-48P-4X-A</a>	Catalyst 9300 48-port fixed uplinks PoE+, 4X10G uplinks, Network Advantage
<a href="#">C9300L-48PF-4X-E</a>	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X10G uplinks, Network Essentials
<a href="#">C9300L-48PF-4X-A</a>	Catalyst 9300 48-port fixed uplinks Full PoE+, 4X10G uplinks, Network Advantage

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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