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VERIFIED PRODUCT DATASHEET

C9200L-24T-4G-A

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9200L-24T-4G-A
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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C9200L-24T-4G-A Datasheet

The Cisco C9200L-24T-4G-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9200L-24T-4G-A and integrate it into enterprise or service provider networks with confidence.

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Key Features

Network Advantage Licensing

Unlike the standard Essentials models, this unit ships with the Network Advantage license. This enables comprehensive Layer 3 routing features including OSPF, EIGRP, BGP, and IS-IS, making it suitable for network cores in smaller branches or routed access layers where dynamic routing protocols are required.

Fixed 1G SFP Uplinks

The switch includes four fixed 1 Gigabit SFP uplink ports. This configuration provides cost-effective connectivity for environments where existing cabling infrastructure supports 1G speeds, eliminating the need for expensive modular upgrades while maintaining reliable fiber connectivity to the aggregation layer.

Resilient Power and Stacking

Business continuity is ensured through support for dual field-replaceable power supplies (Cisco PWR-C5 Series). Additionally, the StackWise-80 architecture allows users to stack up to eight switches, managing them as a single entity with 80 Gbps of stacking bandwidth, providing redundancy and simplified management.

Cisco UADP 2.0 Mini ASIC

At the heart of the switch is the Cisco Unified Access Data Plane (UADP) 2.0 Mini ASIC. This programmable integrated circuit allows the switch to adapt to new technologies and protocols through software updates, extending the hardware's operational lifespan and flexibility.

Advanced Security and Telemetry

The device supports AES-128 MACsec encryption on all ports to secure data at the link layer. It also features Full Flexible NetFlow (FNF) for granular visibility into network traffic patterns and threat detection, a capability often reserved for higher-end platforms.

Operational Simplicity

The C9200L Series supports Cisco DNA Center for automated provisioning and assurance. Even without a controller, it offers a modern

WebUI for easy box-level management and supports Blue Beacon technology to physically identify the switch in a crowded rack during maintenance.

Specification

Parameter	Details	Parameter	Details
Product Series	Cisco Catalyst 9200L Series	Model	C9200L-24T-4G-A
License Level	Network Advantage	Switch Type	Enterprise access switch
Downlink Ports	24 × 10/100/1000 Ethernet	PoE Support	Not supported
Uplink Interfaces	4 × 1G SFP	Uplink Speed	1 Gbps per port
Switching Capacity	56 Gbps	Forwarding Rate	41.67 Mpps
MAC Address Table	32,000 entries	VLAN IDs	4,096
IPv4 Routes	Up to 16,000	IPv6 Routes	Up to 8,000
Jumbo Frame Support	Up to 9198 bytes	Quality of Service	Advanced QoS
Processor Architecture	x86-based CPU	DRAM	4 GB
Flash Memory	4 GB	Operating System	Cisco IOS XE
Stacking	Not supported	Virtualization	Standalone operation
Power Supply Type	Internal	Redundant Power	Supported
Cooling	Fixed internal fans	Airflow	Front-to-back
Form Factor	1RU	Mounting	Rack-mountable
Management Interfaces	CLI, SNMP, Web UI	Deployment Role	Enterprise access layer

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