Overview

C9200-24T-A is the Catalyst 9200 24-port Data Switch, with Network Essentials software. Cisco Catalyst 9200 Series switches extend the power of intent-based networking and Catalyst 9000 hardware and software innovation to a broader set of deployments. With its family pedigree, Catalyst 9200 Series switches offer simplicity without compromise it is secure, always on, and IT simplified.

Quick Specification

Product Code	C9200-24T-A
Downlinks total 10/100/1000 or PoE+ copper ports	24 ports data
Uplink configuration	Modular uplink options
Default primary AC power supply	PWR-C6-125WAC
Fans	FRU redundant
Software	Network Advantage
Stack bandwidth	160 Gbps
DRAM	4 GB
Flash	4G
Switching capacity	128 Gbps
Forwarding rate	190.4 Mpps
Dimensions	1.73 x 17.5 x 13.8 in 4.4 x 44.5 x 35.0 cm

Product Details:

The Front Panel:

The Back Panel:

Catalyst 9200 series provides these highlights:

● Up to 48 ports of full Power over Ethernet Plus (PoE+) capability

● Resiliency with Field-Replaceable Units (FRU) and redundant power supply, fans, and modular uplinks

● Flexible downlink options with data or PoE+

● Operational efficiency with optional backplane stacking, supporting stacking bandwidth up to 160 Gbps

● UADP 2.0 Mini with integrated CPU offers customers optimized scale with better cost structure

● Enhanced security with AES-128 MACsec encryption, policy-based segmentation, and trustworthy systems

● Layer 3 capabilities, including OSPF, EIGRP, ISIS, RIP, and routed access

● Advanced network monitoring using Full Flexible NetFlow

● Cisco Software-Defined Access (SD-Access):

● Simplified operations and deployment with policy-based automation from edge to cloud managed with Cisco Identity Services Engine (ISE)

●Network assurance and improved resolution time through Cisco DNA Center™

● Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network

● Cisco IOS XE: A Common Licensing based operating system for the enterprise Cisco Catalyst 9000 product family with support for model-driven programmability and streaming telemetry

● ASIC with programmable pipeline and micro-engine capabilities, along with template-based, configurable allocation of Layer 2 and Layer 3 forwarding, AccessControl Lists (ACLs), and Quality of Service (QoS) entries

Accessories For C9200:

Modules and Cables:

Model	Description
C9200-NM-4G	Catalyst 9200 4 x 1GE Network Module
C9200-NM-4X	Catalyst 9200 4 x 10GE Network Module, spare
C9200-NM-BLANK	Catalyst 9200 BLANK Network Module
C9200-STACK-KIT=	C9200 Stack Kit Spare
C9200L-STACK-KIT=	C9200L Stack Kit Spare
STACK-T4-50CM	50CM Type 3 Stacking Cable
STACK-T4-1M	1M Type 3 Stacking Cable
STACK-T4-3M	3M Type 3 Stacking Cable
PWR-C5-125WAC/2=	125WAC power supply spare

Compare To Similar Items:

Product number	Product description
C9200-24T-A	Catalyst 9200 24-port Data Switch, Network Advantage
C9200-24T-E	Catalyst 9200 24-port Data Switch, Network Essentials
C9200-24P-A	Catalyst 9200 24-port PoE+ Switch, Network Advantage
C9200-24P-E	Catalyst 9200 24-port PoE+ Switch. Network Essentials

Get more information:

Do you have any question about C9200-24T-A?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Model	C9200-24T-A
Downlinks total 10/100/1000 or PoE+ copper ports	24 ports data
Uplink configuration	Modular uplink options
Fans	FRU redundant
Software	Network Advantage
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	128 Gbps
Forwarding rate	190.4 Mpps
Mean time between failures (hours)	587,800

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