



## C8200L-1N-4T DataSheet

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### C8200L-1N-4T Description

The Cisco C8200L-1N-4T is a value-optimized SD-WAN and branch edge platform in the Catalyst 8200 Series, engineered for small enterprise, retail, and cloud-connected branch deployments. With a compact 1RU chassis, the C8200L-1N-4T delivers 2 × 1G SFP and 2 × 1G RJ45 ports, providing flexible WAN and LAN access for hybrid connectivity needs. The modular design includes NIM and PIM slots, supporting add-on 4G/5G LTE, Ethernet, DSL, serial, or voice modules, and ensuring investment protection as network requirements evolve. Powered by Cisco IOS XE, it offers centralized SD-WAN management, zero-touch provisioning, and rich automation features for simplified deployment and operations. Advanced security is built-in, including next-generation firewall (NGFW), intrusion prevention (IPS/IDS), URL filtering, MACsec, and SASE readiness, helping safeguard branch offices and critical workloads. This platform is ideal for organizations seeking cost-effective, reliable, and easy-to-manage cloud edge connectivity.

### Product Highlights

IPsec Throughput(IMIX)

Gigabit Ethernet ports

DRAM

## Product Comparison

Parameter	C8200L-1N-4T	<b>C8200-1N-4T</b>	C8300-1N1S-4T2X
Form Factor	1RU	1RU	1RU
10G Ports	None	None	2 x SFP+
1G Ports	2 x SFP, 2 x RJ45	2 x SFP, 2 x RJ45	4 x RJ45, 2 x SFP+
NIM Slots	1	1	1
PIM Slot	1	1	1
SM Slots	None	None	1
Default DRAM	4 GB	8 GB	8 GB
Max SD-WAN IPsec Throughput	Up to 500Mbps	Up to 1Gbps	Up to 17Gbps (1400B)
SD-WAN Tunnels	1,500	2,500	6,000
Power Supply	Internal (fixed AC)	Internal (fixed AC)	Dual, hot swap (AC/DC)
Dimensions (HxWxD)	1RU	1RU	1RU

## Specification

Parameter	Specification	Parameter	Specification
<b>Form Factor</b>	1RU rack-mount	<b>Chassis Type</b>	Modular Edge Router
<b>Embedded 1G SFP Ports</b>	2 x 1G SFP	<b>Embedded 1G RJ45 Ports</b>	2 x 1G RJ45 (Layer 3)
<b>Network Interface Module (NIM) Slot</b>	1	<b>Pluggable Interface Module (PIM) Slot</b>	1
<b>Default DRAM</b>	4 GB DDR4 (up to 32 GB)	<b>Default Storage</b>	No default M.2 (up to 600 GB NVMe)
<b>Onboard Flash</b>	8 GB (not upgradable)	<b>CPU Cores</b>	4-core
<b>SD-WAN IPsec Throughput (1400B)</b>	Up to 500Mbps	<b>SD-WAN IPsec Throughput (IMIX)</b>	400Mbps

Parameter	Specification	Parameter	Specification
<b>SD-WAN Overlay Tunnels</b>	1,500	<b>Max Firewall Sessions</b>	512,000
<b>Max NAT Sessions</b>	600k (4GB), 2M (32GB)	<b>Max VRF Instances</b>	4,000
<b>Max ACLs per System</b>	4,000	<b>Max IPv4 ACEs</b>	72,000
<b>Max IPv4 Routes</b>	800k (4GB), 4M (32GB)	<b>Max IPv6 Routes</b>	800k (4GB), 4M (32GB)
<b>Operating Temperature</b>	0°C to 40°C	<b>Operating Humidity</b>	10% to 90% (non-condensing)
<b>Altitude (Operating)</b>	Up to 10,000 ft (40°C)	<b>Fans</b>	Internal, fixed
<b>Power Supply</b>	Internal, fixed (AC)	<b>Redundancy</b>	No (single PSU)
<b>Module Support</b>	NIM, PIM, LTE/5G, serial, voice	<b>Voice Module Support</b>	FXS, FXO, DSP, ISDN, CUBE
<b>Management Ports</b>	RJ45 Console, Micro-USB Console, USB 3.0	<b>Compliance</b>	UL, FCC, CE
<b>Security Features</b>	NGFW, IPS/IDS, URLF, AMP, MACsec, SASE	<b>Programmability</b>	IOS XE, API, SD-WAN Manager
<b>Physical Dimensions</b>	See datasheet	<b>Weight</b>	Depends on config
<b>Rack Mounting Options</b>	19" kits	<b>Asset Management</b>	External RFID, QR code label

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