



## C8300-1N1S-6T DataSheet

Check C8300-1N1S-6T price and buy Cisco Catalyst 8300 Series Edge Platforms with best discount. We provide fast shipping and free tech support.

[READ MORE](#)

### C8300-1N1S-6T Description



C8300-1N1S-6T is a Cisco Catalyst 8300 Series 1RU modular edge platform, optimized for secure SD-WAN, branch, and cloud edge applications. Featuring 6 x 1G RJ45 WAN/LAN ports, SM/NIM/PIM modular slots, and up to 2Gbps SD-WAN IPsec throughput (1400B), it is ideal for mid- to large-branch, enterprise, and service provider deployments needing reliable, scalable connectivity. With dual hot-swappable power, advanced integrated security, and Cisco IOS XE programmability, the C8300-1N1S-6T enables high-uptime, flexible edge routing for digital transformation, hybrid WAN, and SASE scenarios.

### Product Highlights

- IPsec Throughput(IMIX)
- Gigabit Ethernet ports
- SD-WAN IPsec Throughput(IMIX)

### Product Comparison

Parameter	C8300-1N1S-6T	<a href="#">C8300-2N2S-6T</a>	<a href="#">C8200-1N-4T</a>
Form Factor	1RU	2RU	1RU

10G Ports	None	None	None
1G Ports	6 x RJ45	6 x RJ45	2 x SFP, 2 x RJ45
SM Slots	1	2	None
NIM Slots	1	2	1
PIM Slot	1	1	1
Default DRAM	8 GB	8 GB	8 GB
Max DRAM	32 GB	32 GB	32 GB
Default Storage	16 GB M.2	16 GB M.2	16 GB M.2
Max SD-WAN IPsec Throughput	Up to 2Gbps (1400B)	Up to 2Gbps (1400B)	Up to 1Gbps
SD-WAN IPsec Throughput (IMIX)	1.8Gbps	1.8Gbps	900Mbps
SD-WAN Tunnels	6000	6000	2500
Power Supplies	Dual, hot swap AC/DC	Dual, hot swap AC/DC	Internal (fixed)
Dimensions (HxWxD)	1RU	2RU	1RU

## Specification

Parameter	Specification	Parameter	Specification
<b>Form Factor</b>	1RU rack-mount	<b>Chassis Type</b>	Modular Edge Router
<b>WAN/LAN Ports</b>	6 x 1G RJ45 (Layer 3)	<b>10G Ports</b>	None
<b>Service Module (SM) Slot</b>	1	<b>Network Interface Module (NIM) Slot</b>	1
<b>Pluggable Interface Module (PIM) Slot</b>	1	<b>Default DRAM</b>	8 GB DDR4 (up to 32 GB)
<b>Default Storage</b>	16 GB M.2 (up to 2 TB NVMe)	<b>Onboard Flash</b>	8 GB (not upgradable)
<b>CPU Cores</b>	8-core	<b>Dual Power Supplies</b>	Yes (hot-swappable AC/DC)

Parameter	Specification	Parameter	Specification
<b>SD-WAN IPsec Throughput (1400B)</b>	Up to 2Gbps	<b>SD-WAN IPsec Throughput (IMIX)</b>	1.8Gbps
<b>SD-WAN IPsec with IQDF (IMIX)</b>	1.7Gbps	<b>SD-WAN Overlay Tunnels</b>	6000
<b>Max Firewall Sessions</b>	512,000	<b>Max NAT Sessions</b>	1.2M (8GB), 2M (32GB)
<b>Max VRF Instances</b>	4000	<b>Max ACLs per System</b>	4000
<b>Max IPv4 ACEs</b>	72,000	<b>Max IPv4 Routes</b>	1.6M (8GB), 4M (32GB)
<b>Max IPv6 Routes</b>	1.5M (8GB), 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, field replaceable	<b>Redundancy</b>	Dual power, hot swap
<b>Module Support</b>	SM, NIM, PIM, UCS-E compute, 5G/LTE	<b>Switch Module Options</b>	22/50-port L2 SM, 4/8-port NIM
<b>Voice Module Support</b>	FXS, FXO, DSP, ISDN, CUBE	<b>LTE/5G Support</b>	Integrated PIM, external GW
<b>Management Ports</b>	RJ45 Console, Micro-USB Console, USB 3.0 (A/C)	<b>Compliance</b>	UL, FCC, CE, NEBS (option)
<b>Security Features</b>	NGFW, IPS/IDS, URLF, AMP, SASE, MACsec	<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"/23" kits	<b>Asset Management</b>	External RFID, QR code label

## Want to Buy

[ORDER NOW](#) [GET A QUOTE](#)

## Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

**200+**

Countries we Sold

**18,000+**

Customers Trusted

**\$20,000,000**

Inventory Available

**50%-98%**

Off Global List Price

**100%**

Safe Online Shopping

## Contact Us

- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [17181189993](https://www.wechat.com/qrcode/business?business_id=17181189993)
- Email: [sales@layer23-switch.com](mailto:sales@layer23-switch.com)