



C9200CX-12T-2X2G-E DataSheet

Cisco Catalyst C9200CX-12T-2X2G-E is a 12-port fanless Gigabit switch with 2×10 Gbps uplinks, 16 VLANs, and Network Essentials license for compact deployments.


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C9200CX-12T-2X2G-E Description

The Cisco Catalyst C9200CX-12T-2X2G-E is a fanless, compact Gigabit access switch engineered for space- and noise-sensitive environments. It features 12 data-only RJ-45 ports and two 10 Gbps SFP+ plus two 1 Gbps copper uplinks, powered by an internal 315 W supply or via PoE Class 6. With the Network Essentials license, it delivers core Layer 2 switching, wire-speed QoS, and NetFlow analytics, plus automation hooks via Cisco DNA Center. Ideal for kiosks, retail endpoints, and small branch access, it ensures quiet, reliable operation.

Model Meaning: Cisco C9200CX-12T-2X2G-E Switch

Segment	Meaning
C9200CX	Cisco Catalyst 9200CX Series compact switch (fanless, internal power)
12T	12 × 10/100/1000 Mbps RJ-45 data-only ports
2X2G	2 × 10 Gbps SFP+ fixed uplinks and 2 × 1 Gbps copper uplinks
E	Network Essentials software license (core Layer 2, QoS, NetFlow analytics, automation)

Model Comparison

Parameter	C9200CX-12T-2X2G-E	C9200CX-12P-2X2G-E	C9200CX-12T-2X2G-A
Downlink Ports	12 × data RJ-45	12 × PoE+ RJ-45	12 × data RJ-45
Uplink Ports	2 × 10 Gbps SFP+ & 2 × 1 Gbps copper	2 × 10 Gbps SFP+ & 2 × 1 Gbps copper	2 × 10 Gbps SFP+ & 2 × 1 Gbps copper
Total PoE Budget	N/A	315 W	N/A
License	Network Essentials (E)	Network Essentials (E)	Network Advantage (A)
Stacking Bandwidth	N/A	N/A	N/A
Virtual Networks	16	16	16
MAC Address Table	32,000	32,000	32,000
IPv4 Routes	14,000	14,000	14,000
ACL Scale Entries	1,600	1,600	1,600
QoS Scale Entries	1,000	1,000	1,000
Power Supply	315 W AC internal; optional 80 W AC/DC adaptor	315 W AC internal	315 W AC internal; optional 80 W AC/DC adaptor
Fans	Fanless	Fanless	Fanless
MTBF	960,180 hours	704,430 hours	960,180 hours

Specification

Parameter	Specification	Parameter	Specification
Switch Model	C9200CX-12T-2X2G-E	Downlink Ports	12 × 10/100/1000 Mbps RJ-45
Uplink Ports	2 × 10 Gbps SFP+ & 2 × 1 Gbps copper	Power Supply	315 W internal AC; optional 80 W AC/DC adaptor
Supported PoE Input	IEEE 802.3bt Class 6 PD on uplinks	Fan Architecture	Fanless
License	Network Essentials (E)	MAC Address Table	32,000 entries
IPv4 Routes	14,000 (10,000 direct + 4,000 indirect)	IPv6 Routing Entries	2,000
VLAN IDs	4,096	Virtual Networks	16
ACL Scale Entries	1,600	QoS Scale Entries	1,000
Packet Buffer	6 MB	Flexible NetFlow	16,000 flows
DRAM	4 GB	Flash	8 GB
MTBF	960,180 hours	Operating Temp	-5 °C to +45 °C
Dimensions (HxWxD)	1.18"×17.5"×5.1" (30×445×130 mm)	Weight	0.6 lb (0.27 kg)
Environmental	5-90% non-condensing humidity	Standards	IEEE 802.3az, MACsec-128, SNMPv3, RMON

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