



C9200CX-8P-2XGH-E DataSheet

Cisco Catalyst C9200CX-8P-2XGH-E: 8-port fanless PoE+ switch, 2×10 Gbps SFP+ uplinks, 60 Gbps switching, HVDC/AC internal power, Network Essentials.

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C9200CX-8P-2XGH-E Description

The Cisco Catalyst C9200CX-8P-2XGH-E is a fanless, HVDC-capable compact PoE+ access switch designed for noise- and space-constrained environments. It delivers eight Gigabit PoE+ ports and four fixed uplinks (2×10 Gbps SFP+, 2×1 Gbps copper), powered by a 315 W internal HVDC/AC supply. With the Network Essentials license, it provides core Layer 2 switching, wire-speed QoS, and NetFlow analytics. Ideal for retail kiosks, industrial control rooms, and small branch sites, it combines zero-noise operation with robust security and automation features.

Model Meaning: Cisco C9200CX-8P-2XGH-E Switch

Segment	Meaning
C9200CX	Cisco Catalyst 9200CX Series compact switch (fanless, internal HVDC/AC power)
8P	8 × Gigabit PoE+ RJ-45 access ports
2XGH	2 × 10 Gbps SFP+ fixed uplinks + 2 × 1 Gbps copper uplinks (HVDC-capable)
E	Network Essentials software license (core Layer 2, QoS, NetFlow analytics, automation)

Model Comparison

Parameter	C9200CX-8P-2XGH-E	C9200CX-8P-2X2G-E	C9200CX-8UXG-2X-E
Downlink Ports	8 × PoE+ RJ-45	8 × PoE+ RJ-45	4 × mGig + 4 × 1 Gbps
Uplink Ports	2 × 10 Gbps SFP+ + 2 × 1 Gbps	2 × 10 Gbps SFP+ + 2 × 1 Gbps	2 × 10 Gbps SFP+
Total PoE Budget	240 W	240 W	N/A
Power Supply	315 W HVDC/AC internal	315 W AC internal	315 W AC internal
Fans	Fanless	Fanless	Fanless
License	Network Essentials (E)	Network Essentials (E)	Network Essentials (E)
Switching Capacity	60 Gbps	60 Gbps	128 Gbps
Forwarding Rate	44.64 Mpps	44.64 Mpps	95.23 Mpps
MTBF	734,030 hours	736,000 hours	711,500 hours
Dimensions (HxWxD)	1.73"×10.6"×9.6"	1.73"×10.6"×9.6"	1.73"×10.6"×9.6"

Specification

Parameter	Specification	Parameter	Specification
Switch Model	C9200CX-8P-2XGH-E	Downlink Ports	8 × 1 Gbps PoE+ RJ-45
Uplink Ports	2 × 10 Gbps SFP+ & 2 × 1 Gbps copper	Total PoE Budget	240 W
Power Supply	315 W HVDC/AC internal	Fans	Fanless
License	Network Essentials (E)	Switching Capacity	60 Gbps
Forwarding Rate	44.64 Mpps	MAC Address Table	32,000 entries
IPv4 Routes	14,000 (10,000 direct + 4,000 learned)	IPv6 Routes	2,000 entries
VLAN IDs	4,096	ACL Entries	1,600
QoS Entries	1,000	Packet Buffer	6 MB
Flexible NetFlow	16,000 flows	DRAM	4 GB
Flash	8 GB	MTBF	734,030 hours
Dimensions	1.73"×10.6"×9.6" (4.4×26.9×24.4 cm)	Weight	0.6 lb (0.27 kg)

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