

CISCO · CATALYST 9300 SWITCHES

C9300-48P-E

48x1G PoE+ Ports · Modular Uplink · 437W PoE Budget

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C9300-48P-E
Category	Catalyst 9300 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The C9300-48P-E is a Cisco Catalyst 9300 Series stackable access switch for wiring closets that power IP phones, access points and cameras over PoE+. The switch has 48 10/100/1000 PoE+ ports with a 437W default PoE budget, a modular uplink slot and 256 Gbps of switching capacity, with Network Essentials built in.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Ordering note C9300-48P-E is ordered with a mandatory 3-year Cisco DNA Essentials subscription (C9300-DNA-E). We include it in your quote.

Specifications

Product ID	C9300-48P-E	Network license	Network Essentials
Total ports	48x 10/100/1000 Mbps copper	PoE standards	Cisco PoE+
Default PoE budget	437W (PWR-C1-715WAC-P)	Maximum PoE budget with secondary supply	Up to 1440W with second 1100W/1900W supply
Uplinks	Modular uplink network module slot	Stacking	StackWise-480, up to 8 members, 480 Gbps/stack
StackPower	Supported, up to 4-member ring (8 with XPS-2200)	Switching capacity	256 Gbps standalone / 736 Gbps stacked
Forwarding rate	190.48 Mpps standalone / 547.62 Mpps stacked	MAC addresses	32,000 entries
IPv4 routes	32,000 (24,000 connected + 8,000 indirect)	IPv6 routes	16,000 entries
Multicast routes	8,000 entries	QoS / ACL entries	5,120 QoS / 5,120 ACL entries
VLAN IDs	4094	SVIs	1000
Jumbo frames	9198 bytes	DRAM / flash	8 GB DRAM / 16 GB Flash
Default power supply	PWR-C1-715WAC-P, 715W AC, 2,440 BTU/hr output	Power redundancy	2 internal supply slots, dual redundant supported
Fan modules	3x field-replaceable, N+1 redundant (FAN-T2=)	Peak power draw (100% PoE, 115VAC)	563.2W with no module / 568.8W with C9300-NM-8X
Chassis dimensions (default supply)	1.73 x 17.5 x 17.7 in	Unit weight (default supply)	7.59 kg (16.73 lb)
MTBF	277,770 hours	Minimum software release	Cisco IOS XE Release 16.5.1a
Operating temperature	-5C to 45C (up to 1500m)	Storage temperature	-40C to 70C
Operating humidity	5%-90% non-condensing	Operating / storage altitude	10,000 ft / 15,000 ft
Acoustic noise (24 PoE+ ports loaded)	45 dB typical / 48 dB max LpA	Management interfaces	RJ-45 Ethernet mgmt, RJ-45 console, USB mini-Type B console

Connector types	RJ-45 (1000BASE-T), LC (SFP/SFP+)	Standards supported	IEEE 802.1x, 802.3af/at, 802.1Q, 802.3az; RMON I/II; SNMPv1/v2c/v3
Safety certifications	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, IEC 60950-1, AS/NZS 60950.1	EMC certifications	FCC Part 15, EN 55032/CISPR 32 Class A, EN 55035, ICES-003 Class A
Environmental compliance	RoHS 5		

Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	C9300-NM-2Y	2x25G/10G/1G SFP28 Ports - Catalyst 9300 Module
Network Module	C9300-NM-2Q	2x40G QSFP+ Uplinks - Catalyst 9300 Module
Network Module	C9300-NM-4G	4x1GE SFP Ports - Catalyst 9300 Module
Network Module	C9300-NM-4M	4x10G/mGig Copper Ports - Catalyst 9300 Module
Network Module	C9300-NM-8X	8x10G/1G SFP+ Uplinks - Network Module - Catalyst 9300
Power Supply / Fan	PWR-C1-715WAC-P	715W AC PSU - Catalyst 9300 C1 - Platinum Rated
Power Supply / Fan	PWR-C1-1100WAC-P	1100W AC PSU - Catalyst 9300 C1 - Platinum Rated
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-SR	10GBASE-SR SFP+ - 850nm MMF - 400m OM4
Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	SFP-10G-LR	10GBASE-LR SFP+ - 1310nm SMF - 10km Reach
Optics	SFP-25G-SR-S	25GBASE-SR SFP28 - 850nm MMF - 100m OM4
Optics	SFP-10/25G-LR-S	10/25GBASE-LR SFP28 - 10 km G.652 SMF - 0 to 70°C Commercial Temperature
Optics	QSFP-40G-SR4	40G SR4 QSFP - MPO-12 MMF - 4x10G Breakout
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach

Get Price and Availability for C9300-48P-E

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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