

C9300-24U-E DataSheet



Cisco Catalyst C9300-24U-E 24-Port UPOE Switch. Modular uplink, 830W PoE, stacking, advanced security, ideal for enterprise and campus access. Buy now.

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C9300-24U-E Description



The Cisco Catalyst C9300-24U-E is a premium stackable access switch offering 24 Universal Power over Ethernet (UPOE) ports, each delivering up to 60W per port for high-power devices such as advanced wireless access points, security cameras, and building automation. As part of the Catalyst 9300 Series, this model provides modular uplink flexibility (1G/10G/40G), high-performance StackWise-480 stacking (up to 8 units), and an extensive 830W default PoE budget for demanding enterprise, education, and smart building deployments. With field-replaceable power supply and fans, advanced security, and robust Layer 3 features, the C9300-24U-E enables secure, scalable, and resilient network infrastructure for modern digital transformation

Quick Specs

Parameter	Value
Ports	24 × 10/100/1000 Mbps UPOE (RJ-45)
Uplink	Modular (supports 1G/10G/25G/40G modules)

Default Power Supply	1100W AC
PoE Power Budget	830W (with default PS)
Switching Capacity	208 Gbps
Forwarding Rate	154.76 Mpps
Stacking Bandwidth	480 Gbps (StackWise-480)
Stacking Support	Up to 8 members
DRAM	8 GB
Flash	16 GB
Dimensions (WxDxH)	44.5 × 40.9 × 4.4 cm
MTBF	238,410 hours

Key Features

Product Comparison

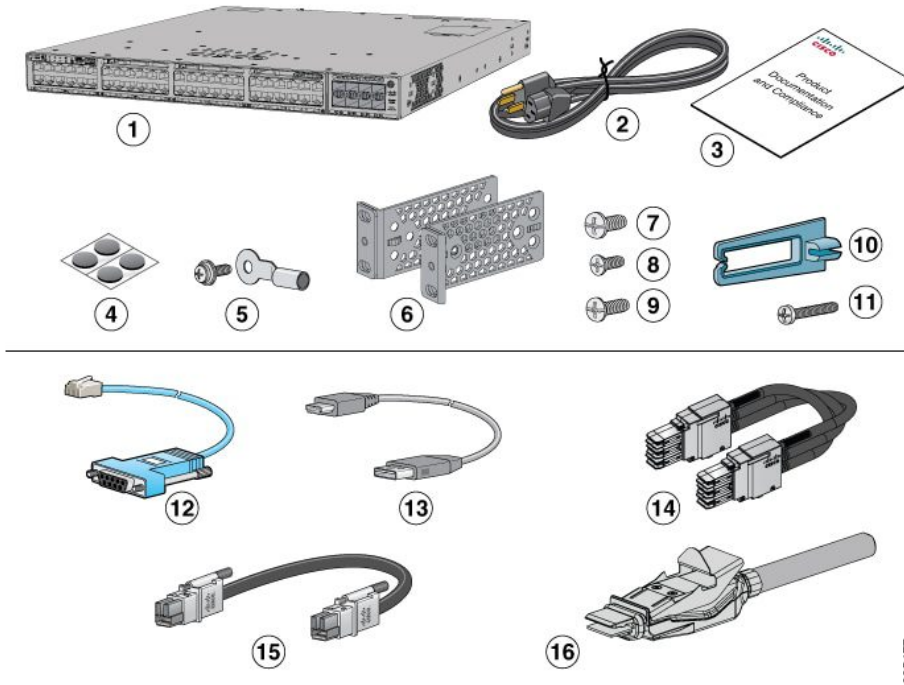
Parameter	C9300-24U-E	C9300-24P-E	C9300-24T-E
Downlink Ports	24 × 1G UPoE	24 × 1G PoE+	24 × 1G Data
Uplink Module	Modular	Modular	Modular
Switching Capacity	208 Gbps	168 Gbps	128 Gbps
Forwarding Rate	154.76 Mpps	130.95 Mpps	95.24 Mpps
PoE Budget	830W	445W	N/A
PoE per Port	60W (UPoE)	30W (PoE+)	N/A
Stacking Bandwidth	480 Gbps	480 Gbps	480 Gbps
Packet Buffer	16 MB	16 MB	16 MB

Flash / DRAM	16GB / 8GB	16GB / 8GB	16GB / 8GB
Default Power Supply	1100W AC	715W AC	350W AC
Software License	Network Essentials	Network Essentials	Network Essentials

Components Delivered in the Shipping Box

The shipping box contains the model of the switch you ordered and other components needed for installation. Some components are optional, depending on your order.

1	Cisco Catalyst 9300 Series switch with optional network module ¹ (power supply and fan modules not shown)	9	Eight number-8 Phillips flat-head screws
2	AC power cord	10	Cable guide
3	Product documentation and compliance document	11	M4.0 x 20mm Phillips pan-head screw
4	Four rubber mounting feet	12	(Optional) RJ-45 console cable
5	Ground lug screw and ring terminal	13	(Optional) USB console cable
6	Two 19-inch mounting brackets	14	(Optional) StackWise-480/1T cable (0.5-meter, 1-meter, or 3-meter)
7	Four number-12 pan-head screws	15	(Optional) StackPower cable (0.3-meter or 1.5-meter)
8	Four number-10 pan-head screws	16	(Optional) StackWise-320 cable



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Specification

Parameter	Details	Parameter	Details
Model	C9300-24U-E	Product Type	Stackable Enterprise Switch
Downlink Ports	24 × 10/100/1000 Mbps UPOE (RJ-45)	Uplink Ports	Modular (network module, up to 4 × 1G/10G/25G/40G)
Default Power Supply	1100W AC	Available PoE Power	830W (with default PSU)
Max PoE per Port	Up to 60W (UPOE)	Stacking Bandwidth	480 Gbps (StackWise-480)
Stack Members Supported	Up to 8	StackPower Support	Yes
Switching Capacity	208 Gbps (with stacking)	Forwarding Rate	154.76 Mpps
Network Module Options	C9300-NM-4G, C9300-NM-2Q, C9300-NM-8X, etc.	Fan Modules	3 hot-swappable
Management Ports	1 × RJ-45 Ethernet, 1 × RJ-45 Console, 1 × USB mini-Type B console	USB Ports	USB Type A (storage), USB mini-Type B (console)
Redundant Power Supply	Supported (dual AC/DC)	Mean Time Between Failures (MTBF)	238,410 hours

Parameter	Details	Parameter	Details
Operating Temperature	0°C to 45°C	Operating Humidity	10% to 95% non-condensing
Acoustic Noise (Typical/Max)	45 dB / 48 dB	Dimensions (H×W×D, in)	1.73 × 17.5 × 19.2 in
Dimensions (H×W×D, mm)	44.5 × 445 × 488 mm	Weight	7.54 kg
Certifications	UL 60950-1, EN 60950-1, IEC 60950-1, EN55032 Class A, FCC, CE, ROHS, ENERGY STAR®	Warranty	Cisco Enhanced Limited Lifetime Warranty (E-LLW)
Management & Protocols	CLI, SNMP, Web UI, Cisco DNA Center, REST API, BRIDGE-MIB, RMON, etc.	Safety & EMC	47 CFR Part 15, EN 300 386, ICES-003, VCCI-CISPR 32, CNS13438, KN32, KN35
Other Features	MACsec, ETA, Trustworthy Systems, Flexible NetFlow, SD-Access	Green/Energy	Energy Efficient Ethernet, IEEE 802.3az

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