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C9300-24UB-E DataSheet

Shop Cisco C9300-24UB-E 24-Port UPOE Switch – 480Gbps stacking, modular uplinks, secure Layer 3 access.

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C9300-24UB-E Description

The Cisco Catalyst C9300-24UB-E is a 24-port UPOE Layer 3 switch built for high-density enterprise access. With modular uplink support and StackWise-480 stacking technology, it delivers high availability, advanced security, and exceptional scalability. This switch supports Cisco UPOE (up to 60W per port), ideal for powering access points, IP phones, and other critical PoE devices. It features enhanced software capabilities via the Network Essentials license, making it a reliable and flexible solution for modern enterprise networks.

Quick Specs

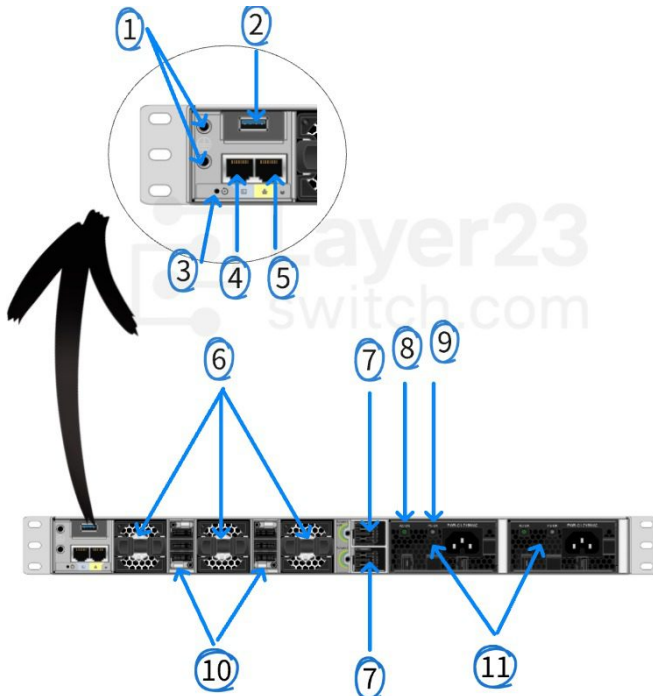| Component	Meaning
C9300	Cisco Catalyst 9300 Series – modular, stackable enterprise access switch.
24	24 Gigabit Ethernet downlink ports.
U	Supports **UPOE** (Universal Power over Ethernet), up to 60W per port.
B	Indicates **enhanced packet buffering**, suitable for high-throughput or bursty traffic environments.
E	Runs the **Network Essentials** feature set – includes Layer 2 and basic Layer 3 capabilities.

Key Features

Product Comparison

Feature	C9300-24UB-E	C9300-24S-E
Port Type	24 x UPOE RJ-45 Ethernet ports (10/100/1000)	24 x 1G SFP Fiber ports
PoE Support	Yes – Cisco UPOE (up to 60W per port)	No PoE support
Use Case	Ideal for powering IP endpoints: phones, APs, cameras	Ideal for fiber aggregation or long-distance access
Default Power Supply	1100W AC (PWR-C1-1100WAC-P)	715W AC (PWR-C1-715WAC-P)
Uplink Ports	Modular (supports 1G/10G/25G/40G via network modules)	Modular (same uplink options)
Stacking Support	Yes – StackWise-480, up to 8 switches	Yes – StackWise-480, up to 8 switches
Switching Capacity	208 Gbps	208 Gbps
Forwarding Rate	154.76 Mpps	154.76 Mpps
License Tier	Network Essentials (E)	Network Essentials (E)
Power Budget	High power budget (up to 1440W with second PSU)	No PoE, lower power requirement
Target Deployment	Access-layer switch for wired+powered devices	Fiber-based distribution/access with no PoE needs

C9300-24UB-E Switch Rear Panel

The switch rear panel includes StackWise connectors, StackPower or XPS connectors, ports, fan modules, and power supply modules.

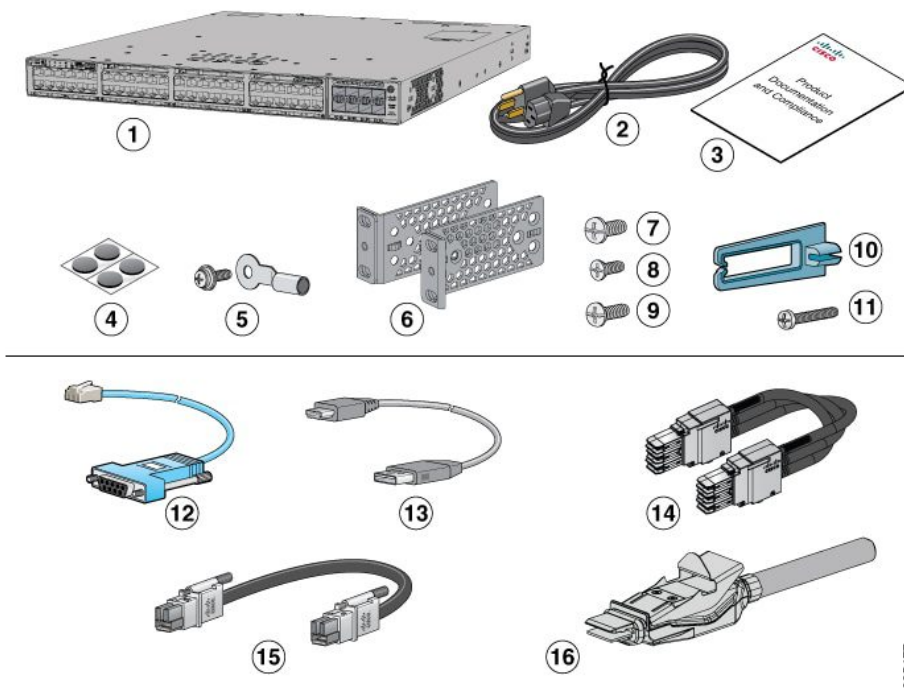| 1	Ground connectors	7	StackPower connectors
2	USB3.0–SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	–	–

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

Specification

Specification	Details
Model	C9300-24UB-E
Port Count	24 x 10/100/1000 UPOE RJ-45 ports
Uplink Module	Modular uplink slots (supports 1G/10G/25G/40G modules)

Specification	Details
Stacking Bandwidth	480 Gbps (StackWise-480)
Forwarding Rate	154.76 Mpps
Switching Capacity	208 Gbps
PoE Capability	Supports Cisco UPOE (60W per port)
Default Power Supply	1100W AC
Maximum PoE Budget	1440W with dual power supplies
Stacking Support	Up to 8 switches
Software Image	Network Essentials (E License)
MAC Address Table	32,000 entries
VLAN IDs	Up to 4094
DRAM / Flash	8 GB / 16 GB
Management	Web UI, CLI, Cisco DNA Center, Meraki Dashboard (optional)
Dimensions (H x W x D)	1.73 x 17.5 x 19.2 inches (44 x 445 x 488 mm)
Weight	7.54 kg (with default power supply)
Operating Temperature	-5°C to 45°C
Redundancy	Dual redundant power supplies, 3 field-replaceable fans

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