



C9300-48UB-E DataSheet



Cisco C9300-48UB-E - 48×1 Gbps UPOE ports with 64 MB buffer, 256 Gbps switching (736 Gbps stacked), StackWise-480, Network Essentials, optimized for PoE and traffic bursts.

[READ MORE](#)

C9300-48UB-E Description

Cisco Catalyst C9300-48UB-E offers 48 Universal PoE (UPOE) ports—each up to 60 W—powered by an integrated 1100 W AC PSU (822 W PoE budget). Its UADP 2.0 ASIC delivers 256 Gbps of switching capacity and, when stacked via StackWise-480, achieves 736 Gbps switching capacity with stacking, forwarding up to 190.47 Mpps (553.42 Mpps stacked). With a 64 MB packet buffer, it handles bursts more effectively than standard models. Running IOS XE with Network Essentials, it supports VLANs, static/EIGRP/OSPF Lite, QoS, and hardware ACLs. Ideal for fiber-backed access closets, branch aggregation, or PoE-heavy deployments requiring deep buffering and basic Layer 3.

C9300-48UB-E Quick Specs

Parameter	C9300-48UB-E
Switching Capacity	256 Gbps single unit / 736 Gbps switching capacity with stacking
Forwarding Rate	190.47 Mpps single / 553.42 Mpps stacked
Downlink Ports	48 × 10/100/1000 Mbps UPOE (IEEE 802.3at/af/bt)
Packet Buffer	64 MB (vs. 32 MB on standard models)
PoE Budget (Default)	822 W (integrated 1100 W AC PSU)
Uplink Module Slot	1 × field-replaceable modular slot (1 GbE / 10 GbE / 25 GbE / 40 GbE / 100 GbE)

Stack Switching Capacity	736 Gbps switching capacity with StackWise-480
DRAM / Flash	8 GB / 16 GB

Key Features

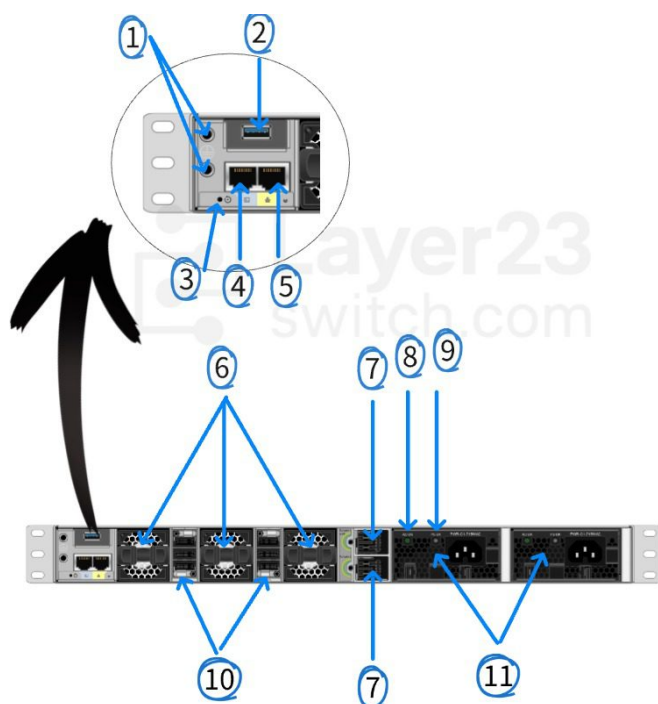
Product Comparison

Parameter	C9300-48UB-E	C9300-48U-E	C9300-48UP-E	C9300-24UB-E
Software License	Network Essentials	Network Essentials	Network Essentials	Network Essentials
Downlink Ports	48 × 1 Gbps UPOE (60 W)	48 × 1 Gbps UPOE (60 W)	48 × 1 Gbps PoE+ (30 W)	24 × 1 Gbps UPOE (60 W)
Packet Buffer	64 MB	32 MB	32 MB	64 MB
PoE Budget (Default/Max)	822 W / 1800 W (with optional PSU)	822 W / 1800 W	437 W / 1440 W	370 W / 740 W
Switching Capacity	256 Gbps / 736 Gbps stacked	256 Gbps / 736 Gbps stacked	256 Gbps / 736 Gbps stacked	208 Gbps / 688 Gbps stacked
Forwarding Rate	190.47 Mpps / 553.42 Mpps (stacked)	190.47 Mpps / 553.42 Mpps (stacked)	154.76 Mpps / 513.24 Mpps (stacked)	154.76 Mpps / 513.24 Mpps (stacked)
Stack Switching Capacity	736 Gbps switching capacity with StackWise-480	736 Gbps switching capacity with StackWise-480	736 Gbps switching capacity with StackWise-480	688 Gbps switching capacity with StackWise-480
MACsec Support	Yes (hardware-accelerated)	Yes (hardware-accelerated)	No	Yes (hardware-accelerated)

C9300-48UB-E Switch Rear Panel

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

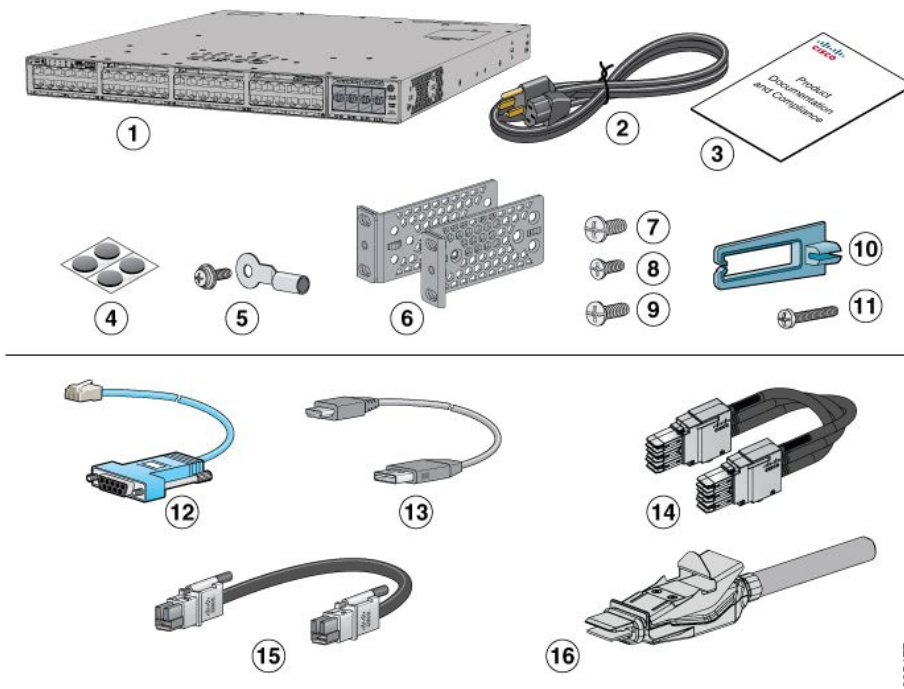
1	Ground connectors	7	StackPower connectors
2	USB3.0-SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	-	-



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



385477

Specification

Parameter	C9300-48UB-E Specification
Switching Capacity	256 Gbps single unit / 736 Gbps switching capacity with stacking
Forwarding Rate	190.47 Mpps single / 553.42 Mpps stacked
Downlink Ports	48 × 10/100/1000 Mbps UPOE (IEEE 802.3at/af/bt)
Packet Buffer	64 MB (double the standard 32 MB) for burst resilience
Uplink Module Slot	1 × field-replaceable modular slot (1 GbE/10 GbE/25 GbE/40 GbE/100 GbE optics)
PoE Budget (Default)	822 W (with 1100 W AC PSU)
PoE Budget (Max)	1800 W (with optional 1900 W AC PSU upgrade)
MAC Address Table	32,000 entries
IPv4 Routes	32,000 (24 000 direct / 8 000 indirect)
IPv6 Routes	16,000
VLAN IDs Supported	4,094
ACL Entries	5,120
QoS Entries	5,120
Flexible NetFlow Flows	64,000 flows
DRAM	8 GB DDR4
Flash	16 GB
Stack Switching Capacity	736 Gbps with StackWise-480 (up to 8 members)
MTBF	207,450 hours
Dimensions (H × W × D)	1.73 × 17.5 × 16.1 in (4.4 × 44.5 × 40.9 cm)
Weight	17.03 lb / 7.72 kg
Operating Temperature	-5 °C to 45 °C
Relative Humidity	5 % to 90 % non-condensing
Acoustic (Idle/Max)	47 dB / 50 dB @ 25 °C
Compliance	IEEE 802.3at/af/bt, 802.1X, 802.1Q, RoHS, FCC Class A, CISPR 32 Class A
Security Features	Hardware ACLs, 802.1X, TrustSec, Dynamic ARP Inspection
Management	CLI, SNMPv3, NETCONF, RESTCONF, Cisco DNA Center Integration
Warranty	Limited Lifetime – Next Business Day Replacement

Want to Buy

ORDER NOW **GET A QUOTE**

Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+

Countries we Sold

18,000+

Customers Trusted

\$20,000,000

Inventory Available

50%-98%

Off Global List Price

100%

Safe Online Shopping

Contact Us

- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [17181189993](https://www.wechat.com/qrcode/business?business_id=17181189993)
- Email: sales@layer23-switch.com