

CISCO · CATALYST 9300 SWITCHES

# C9300-48S-A

48x1G SFP Ports · Modular Uplink · Network Advantage

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



|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| Product Model | C9300-48S-A                                                                         |
| Category      | Catalyst 9300 Switches                                                              |
| Condition     | New, factory-sealed                                                                 |
| Warranty      | 3-year LSCare warranty                                                              |
| Supplier      | Layer23-Switch · <a href="http://www.layer23-switch.com">www.layer23-switch.com</a> |



Scan for price and stock

**200+**

Countries Served

**18,000+**

Customers Worldwide

**US\$9M+**

Ready-Stock Inventory

**3-Year**

Warranty



## CISCO · CATALYST 9300 SWITCHES

# C9300-48S-A

### 48x1G SFP Ports · Modular Uplink · Network Advantage

The C9300-48S-A is a Cisco Catalyst 9300 Series stackable access switch for fiber-cabled campus buildings that route and segment traffic at the access layer. The switch has 48 1G SFP ports with no PoE, a modular uplink slot, 256 Gbps of switching capacity and the Network Advantage license, which adds BGP, VRF, VXLAN and MACsec-256.

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

**Ordering note** C9300-48S-A is ordered with a mandatory 3-year Cisco DNA Advantage subscription (C9300-DNA-A). We include it in your quote.

## Specifications

|                      |                                                                                                |                              |                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID           | C9300-48S-A                                                                                    | Network license              | Network Advantage                                                                                                                          |
| Downlink ports       | 48x 1G SFP                                                                                     | Uplink                       | Modular uplink slot for C9300-NM-4G, C9300-NM-4M, C9300-NM-8X, C9300-NM-2Q or C9300-NM-2Y; no module in the default shipping configuration |
| Management port      | 10/100/1000 Ethernet management port (RJ-45), RJ-45 console port, USB mini-Type B console port | Minimum software release     | Cisco IOS XE 16.11.1a                                                                                                                      |
| USB port             | USB 3.0 Type A                                                                                 | SSD storage                  | Rear USB 3.0 SSD slot for 120 GB or 240 GB SSD                                                                                             |
| RFID                 | Passive UHF RFID tag, GS1 EPC Gen 2 / ISO 18000-6C, 860-960 MHz                                | Fiber connectors             | LC, through SFP transceivers on single-mode or multimode fiber                                                                             |
| Switching capacity   | 256 Gbps (736 Gbps stacked)                                                                    | Forwarding rate              | 190.47 Mpps (547.62 Mpps stacked)                                                                                                          |
| Stacking             | StackWise-480, 480 Gbps, up to 8 members at the same license level                             | StackPower                   | Up to 4 switches per StackPower stack, 8 with XPS-2200                                                                                     |
| MAC addresses        | 32,000                                                                                         | IPv4 routes                  | 32,000 (24,000 direct + 8,000 indirect)                                                                                                    |
| IPv6 routes          | 16,000                                                                                         | Multicast routes             | 8,000                                                                                                                                      |
| QoS entries          | 5,120                                                                                          | ACL entries                  | 5,120                                                                                                                                      |
| Packet buffer        | 16 MB (24- and 48-port Gigabit Ethernet models)                                                | Flexible NetFlow entries     | 64,000 flows (24- and 48-port Gigabit Ethernet models)                                                                                     |
| DRAM                 | 8 GB                                                                                           | Flash                        | 16 GB                                                                                                                                      |
| VLAN IDs             | 4094                                                                                           | Switched virtual interfaces  | 1000                                                                                                                                       |
| PVST instances       | 300                                                                                            | STP virtual ports (PVST/MST) | 13,000                                                                                                                                     |
| Jumbo frames         | 9198 bytes                                                                                     | Total routed ports per stack | 448                                                                                                                                        |
| Default power supply | PWR-C1-715WAC-P, 715W AC                                                                       | Power supply input           | 100-240 VAC                                                                                                                                |

|                          |                                                                                |                        |                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------|
| Power supply output heat | 2,440 BTU/hr                                                                   | Power supply slots     | 2 internal; ships with one supply and a blank module, dual redundant supplies supported                    |
| PoE support              | No PoE; data-only SFP ports                                                    | Fan modules            | 3 field-replaceable fans, N+1 redundancy (FAN-T2=)                                                         |
| Operating temperature    | -5 to 45°C up to 5000 ft (1500 m); -5 to 40°C up to 10,000 ft (3000 m)         | Storage temperature    | -40 to 70°C                                                                                                |
| Operating humidity       | 5% to 90% noncondensing                                                        | Operating altitude     | Operating up to 10,000 ft (3000 m); storage up to 15,000 ft (4500 m)                                       |
| Acoustic noise           | LpA 45 dB typical, 48 dB max; LwA 5.6 B typical, 5.9 B max (AC power)          | Dimensions (H x W x D) | 1.73 x 17.5 x 19.2 in (4.3 x 44.4 x 48.8 cm) with default power supply; 1.73 x 17.5 x 17.7 in chassis only |
| Weight                   | 7.86 kg (17.32 lb) with default power supply                                   | MTBF                   | 281,920 hours                                                                                              |
| Safety certifications    | UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950.1 | EMC certifications     | 47 CFR Part 15, EN 55032 Class A, CISPR 32 Class A, EN 55035, CISPR 35, ICES-003 Class A, KN32, KN35       |
| Environmental compliance | RoHS 5                                                                         |                        |                                                                                                            |

## Optional Add-ons

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

## Get Price and Availability for C9300-48S-A

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.

[Request a Quote](#)

[View Product Page](#)



Email [sales@layer23-switch.com](mailto:sales@layer23-switch.com) WhatsApp [+86 171 8118 9993](https://wa.me/8617181189993) WeChat [layer23-switch](https://www.whatsapp.com/channel/00299a60000000000000000000000000) Telegram [@layer23\\_switch](https://t.me/layer23_switch)

Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.

LAYER23-SWITCH