

CISCO · CATALYST 9300 SWITCHES

# C9300L-48PF-4X-M

48x1G PoE+ Ports · 4x10G Fixed Uplinks · 890W PoE Budget

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



|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| Product Model | C9300L-48PF-4X-M                                                                    |
| 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> |



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**3-Year**

Warranty



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The C9300L-48PF-4X-M is a Cisco Catalyst 9300L Series stackable access switch for Meraki dashboard-managed wiring closets that power dense PoE+ endpoints. The switch has 48 10/100/1000 PoE+ ports with an 890W default PoE budget, four fixed 10G/1G SFP+ uplinks, 176 Gbps of switching capacity and a Meraki Advanced or Enterprise license.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

## Specifications

|                                  |                                                                                          |                               |                                                                                                                                   |
|----------------------------------|------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Product ID                       | C9300L-48PF-4X-M                                                                         | Product type                  | Fixed-uplink stackable access switch, Meraki cloud-managed                                                                        |
| Management mode                  | Meraki dashboard cloud management                                                        | Software license              | Meraki Advanced or Enterprise, separate term license required                                                                     |
| Minimum software release         | Cisco IOS XE Release 16.11.1b minimum                                                    | Downlink ports                | 48 x 10/100/1000 Mbps PoE+ copper ports                                                                                           |
| Uplink ports                     | 4 x 10G/1G SFP+ fixed uplink ports                                                       | Management port               | 10/100/1000 Ethernet management port, RJ-45 console, USB mini-Type B console                                                      |
| Default power supply             | PWR-C1-1100WAC-P                                                                         | Supported power supplies      | PWR-C1-350WAC, PWR-C1-715WAC, PWR-C1-1100WAC, PWR-C1-715WDC, PWR-C1-350WAC-P, PWR-C1-715WAC-P, PWR-C1-1100WAC-P, PWR-C1-1900WAC-P |
| Default PoE budget               | 890W with 1100W AC power supply                                                          | PoE budget with second supply | 1440W with supported secondary supply combinations                                                                                |
| Power supply slots               | Two internal bays; one supply installed by default with a blank module in the unused bay | Peak power consumption        | 1079.44W at 100% PoE load, 115 Vac                                                                                                |
| Stacking architecture            | StackWise-320                                                                            | Stack bandwidth               | 320 Gbps                                                                                                                          |
| Stack member limit               | Up to 8 switches                                                                         | Stack kit options             | C9300L-STACK-KIT or C9300L-STACK-KIT2                                                                                             |
| StackPower                       | Not supported on C9300L switches                                                         | Switching capacity            | 176 Gbps standalone                                                                                                               |
| Switching capacity with stacking | 496 Gbps                                                                                 | Forwarding rate               | 130.95 Mpps standalone                                                                                                            |
| Forwarding rate with stacking    | 369.05 Mpps                                                                              | MAC addresses                 | 32,000                                                                                                                            |
| IPv4 routes                      | 32,000 total with 24,000 direct and 8,000 indirect routes                                | IPv6 routes                   | 16,000                                                                                                                            |
| Multicast routes                 | 8,000                                                                                    | QoS entries                   | 5,120                                                                                                                             |
| ACL entries                      | 5,120                                                                                    | DRAM                          | 8 GB                                                                                                                              |
| Flash                            | 16 GB                                                                                    | VLAN IDs                      | 4094                                                                                                                              |
| Jumbo frames                     | 9198 bytes                                                                               | Routed ports per stack        | 416                                                                                                                               |

|                              |                                                                                  |                       |                                                              |
|------------------------------|----------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------|
| Dimensions                   | 1.73 x 17.5 x 19.2 in. (4.4 x 44.5 x 48.8 cm)                                    | Weight                | 7.03 kg (15.48 lb)                                           |
| MTBF                         | 298,880 hours                                                                    | Operating temperature | -5 C to 45 C, up to 3000 m                                   |
| Storage temperature          | -40 C to 70 C                                                                    | Operating humidity    | 5-90% non-condensing                                         |
| Operating / storage altitude | Up to 10,000 ft operating; up to 15,000 ft storage                               | Acoustic noise        | LpA 44 dB typical / 47 dB max; LwA 5.5 B typical / 5.8 B max |
| Compliance                   | UL/CSA/EN/IEC 60950-1 safety; FCC Part 15, EN 55032/CISPR 32 Class A EMC; RoHS 5 |                       |                                                              |

## Optional Add-ons

| Add-on             | Cisco PID               | Purpose                                          |
|--------------------|-------------------------|--------------------------------------------------|
| Power Supply / Fan | <b>PWR-C1-1100WAC-P</b> | 1100W AC PSU - Catalyst 9300 C1 - Platinum Rated |
| Optics             | <b>SFP-10G-SR-S</b>     | 10GBASE-SR SFP+ - S-Class - 400m OM4 MMF         |
| Optics             | <b>SFP-10G-SR</b>       | 10GBASE-SR SFP+ - 850nm MMF - 400m OM4           |
| Optics             | <b>SFP-10G-SR-X</b>     | 10GBASE-SR SFP+ - Extended Temp - 400m OM4 MMF   |
| Optics             | <b>SFP-10G-LR-S</b>     | 10GBASE-LR SFP+ - S-Class - 10km SMF             |
| Optics             | <b>SFP-10G-LR</b>       | 10GBASE-LR SFP+ - 1310nm SMF - 10km Reach        |
| Optics             | <b>SFP-10G-LR-X</b>     | 10GBASE-LR SFP+ - Extended Temp - 10km SMF       |
| Optics             | <b>GLC-LH-SMD</b>       | 1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM   |
| Optics             | <b>GLC-TE</b>           | 1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach  |
| Optics             | <b>GLC-SX-MMD</b>       | 1000BASE-SX SFP - MMF 850nm - DOM                |
| Optics             | <b>GLC-EX-SMD</b>       | 1000BASE-EX SFP - 40km SMF - DOM                 |

### Get Price and Availability for C9300L-48PF-4X-M

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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