## WS-C2960-24PC-L Datasheet





## Overview

WS- C2960-24PC-L is one of the Cisco Catalyst 2960 Series switches. This series support voice, video, data, and highly secure access. They also deliver scalable management as your business needs change. The Common Features are included: Enhanced security including Cisco TrustSec for providing authentication, access control, and security policy administration, Multiple Fast or Gigabit Ethernet performance options, Cisco EnergyWise for power management, Scalable network management.

#### **Quick Specs**

Figure 1 shows the appearance of the WS-C2960-24PC-L.



Table 1 shows the Quick Spec of the WS-C2960-24PC-L.

| Product Code       | WS-C2960-24PC-L                           |
|--------------------|---|
| Enclosure Type     | Rack-mountable - 1U                       |
| Feature Set        | LAN Base                                  |
| Uplink Interfaces  | 2 dual-purpose (10/100/1000 or SFP) ports |
| Ports              | 24 x Ethernet 10/100 PoE ports            |
| Throughput         | 6.5 Mpps                                  |
| Backplane Capacity | 16 Gbps                                   |
| DRAM               | 64 MB                                     |
| Dimensions         | 1.73 x 17.5 x 9.3 in.                     |
| Package Weight     | 9.5 Kg                                    |

#### **Product Details**

Figure 2 shows the front panel of the Cisco 2960-24PC-L switch.



#### Note:

| (1) | LED Area                       |
|-----|--------------------------------|
| (2) | 24 x Ethernet 10/100 PoE ports |
| (3) | 2 dual-purpose uplinks         |

Figure 3 shows the back panel of the WS-C2960-24PC-L.



#### Note:

| (1) | RJ45 Console Port | (3) | RPS Connector      |
|-----|-------------------|-----|--------------------|
| (2) | Fan Exhaust       | (4) | AC power connector |

### The Accessories

Table 2 shows some accessories of the WS-C2960-24PC-L.

| Models           | Description   |
|------------------|---|
| GLC-LH-SM        | GE SFP, LC connector LX/LH transceiver              |
| GLC-SX-MMD       | 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM |
| CAB-CONSOLE-RJ45 | Console Cable 6ft with RJ45 and DB9F                |

## **Compare to Similar Items**

Table 3 shows the comparison of similar items.

| Models        | WS-C2960-24PC-L                | WS-C2960-24TC-L            |
|---------------|--------------------------------|----------------------------|
| PoE Available | Yes                            | N/A                        |
| Ports         | 24 x Ethernet 10/100 PoE ports | 24 x Ethernet 10/100 ports |
| Uplinks       | 2 dual-purpose uplinks         | 2 dual-purpose uplinks     |
| Feature Set   | LAN Base                       | LAN Base                   |

## **Get more information**

Do you have any question about the Cisco Catalyst C2960-24PC-L switch?

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# Specification

| WS-C2960-24PC-L Specification |   |  |
|-------------------------------|---|--|
| Туре                          | Fixed   |  |
| Topology                      | Ethernet (10/100BaseTX) Ethernet (10/100/1000BaseT) Gigabit Ethernet (SFP)                      |  |
| Maximum Port density          | 24 10/100 PoE ports   |  |
| Uplinks                       | 2 dual-purpose (10/100/1000 or SFP) ports   |  |
| Modular/Expansion Slots       | n/a   |  |
| Architecture                  | Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Voice Enabled |  |
| Form Factor                   | Fixed, Rack Mountable, Standalone/Clustering  |  |
| Dimensions                    | 1.73 x 17.5 x 13 in.  |  |
| DRAM                          | 64 MB   |  |
| Features                      |   |  |
| Specialized Service Modules   | n/a   |  |
|                               | Security  |  |
| DHCP Snooping                 |   |  |
| Dynamic ARP Inspection        |   |  |
| IP Source Guard               |   |  |
| RP Rate Limiters              |   |  |
| TCP Intercept                 |   |  |
| 802.1x                        |   |  |
| Port Security                 |   |  |
| Dynamic VLANs                 |   |  |
| Private VLANs                 |   |  |
| Private VLAN Edge             |   |  |

| Secure Shell                  |  |  |
|-------------------------------|--|--|
| SNMPv3                        |  |  |
| Unicast RPF                   |  |  |
| ACLs (L2-L4)                  |  |  |
| Kerberos                      |  |  |
| TACACS+                       |  |  |
| RADIUS                        |  |  |
| High Availability/Resilliency |  |  |
| Hardware Redundancy           | External Redundant Power Supply  |  |
| High Availability/Resilliency | PVST, Broadcast Suppression, Unicast Suppression, Mulitcast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w                                       |  |
|                               | Management   |  |
| Management features           | SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management |  |
| Scalability                   |  |  |
| WAN Interface Support         | n/a  |  |
| Throughput                    | 6.5 Mpps   |  |
| Backplane Capacity            | 16 Gbps  |  |
| Number of VLANs               | 255  |  |
|                               |  |  |

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