Cisco Catalyst 2960 Series Switches with LAN Base Software: Enhanced Network Security, Availability, and Manageability for Medium-Sized Businesses

The Cisco® Catalyst® 2960 Series Switches with LAN Base software are a family of fixedconfiguration, standalone Ethernet switches that support enhanced switching services, IP communications, and wireless networking for medium-sized businesses. These switches provide the performance, availability, and manageability that modern office environments demand, as well as the intelligence to support state-of-the-art business applications and security services.

The Cisco Catalyst 2960 Series with LAN Base software can provide:

- Fast Ethernet and Gigabit Ethernet connectivity to the desktop to deliver superior application performance
- Power over Ethernet (PoE) to provide 15.4W simultaneously on all PoE ports
- Advanced security capabilities, including identity services and sophisticated access control to protect your critical assets
- Quality-of-service (QoS) intelligence to support delay-sensitive IP voice and video applications and optimize bandwidth in your network
- Redundancy and resiliency features to protect the availability of your critical applications at all times
- Simple, scalable management with the option to use command line interface (CLI) or the GUI-based Cisco Network Assistant with Cisco SmartPorts interfaces
- Scalability to continually accommodate new applications and services as your business evolves
- Limited lifetime warranty and free Cisco IOS® Software updates

Figure 1 shows Cisco Catalyst 2960 Series Switches with LAN Base software.

Figure 1. Cisco Catalyst 2960 Series Switches with LAN Base software



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Configurations

Table 1 highlights the various configurations available in Cisco Catalyst 2960 Series Switches with LAN Base software.

Table 1. Configurations Available for Cisco Catalyst 2960 Series Switches with LAN Base Software

Product Name (SKU)	Description
Compact Switches	The Cisco Catalyst 2960 compact switches have a small form factor that makes them ideal for classrooms, conference rooms, and other deployments outside the wiring closet.
Cisco Catalyst 2960PD-8TT-L	8 Ethernet 10/100 ports and one 10/100/1000 PoE input port; compact size with no fan
Cisco Catalyst 2960-8TC-L	8 Ethernet 10/100 ports and 1 dual-purpose uplink port; compact size with no fan
Cisco Catalyst 2960G-8TC-L	7 Ethernet 10/100/1000 ports and 1 dual-purpose uplink port; compact size with no fan
Desktop Switches with Fast Ethernet Connectivity	These 24- or 48-port switches provide an outstanding wiring closet solution for delivering Fast Ethernet connectivity to the desktop. This model is ideal for medium-sized businesses that require support for features such as QoS, virtual LANs, or advanced security features.
Cisco Catalyst 2960-24TT-L	24 Ethernet 10/100 ports and 2 fixed Ethernet 10/100/1000 uplink ports
Cisco Catalyst 2960-48TT-L	48 Ethernet 10/100 ports and 2 fixed Ethernet 10/100/1000 uplink ports
Cisco Catalyst 2960-24TC-L	24 Ethernet 10/100 ports and 2 dual-purpose uplink ports
Cisco Catalyst 2960-48TC-L	48 Ethernet 10/100 ports and 2 dual-purpose uplink ports
Desktop Switches with PoE Connectivity	The 2960-24LT-L model offers an ideal solution for businesses that chiefly require scalable desktop connectivity but also need limited PoE. By integrating 8 PoE-capable ports into a 24-port Fast Ethernet switch, this model can provide desktop connectivity for a small office while supporting several wireless access points, IP phones, or IP-based closed-circuit TV cameras. The 2960-24PC-L and 2960-48PST-L provide fiber uplink connectivity and 24 or 48 ports of 10/100 PoE. This model is ideal for businesses deploying larger wireless environments and IP-based voice and video systems.
Cisco Catalyst 2960-24LT-L	24 Ethernet 10/100 ports (PoE supported on 8 ports) and 2 fixed Ethernet 10/100/1000 uplink ports
Cisco Catalyst 2960-24PC-L	24 Ethernet 10/100 PoE ports and 2 dual-purpose uplink ports
Cisco Catalyst 2960-48PST-L	48 Ethernet 10/100 PoE ports and 2 fixed Ethernet 10/100/1000 uplink and 2 SFP uplink ports
Desktop Switches with Gigabit Connectivity	These models offer 24 or 48 ports of 10/100/1000 connectivity, providing an ideal highspeed backbone for server connectivity or for desktop connectivity in environments that support high-bandwidth applications such as high-definition video and imaging systems.
Cisco Catalyst 2960G-24TC-L	24 Ethernet 10/100/1000 ports, 4 of which are dual-purpose

Features and Benefits

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Cisco Catalyst 2960 Series Switches with LAN Base software provide: system software maintenance, and access to the Cisco Smart Foundation Service

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