

# Cisco 900 Series Integrated Services Routers

The Cisco® 900 Series Integrated Services Routers (ISRs) combine Internet access, comprehensive security, and wireless services in a single high-performance device that is easy to deploy and manage. They are well suited for deployment as Customer Premises Equipment (CPE) in enterprise small branch offices and in service provider managed services environments.

Figure 1. C921-4P ISR front, back, and top views



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## Platform support

Table 1 describes the interfaces and integrated capabilities supported by each of the Cisco 900 Series ISR models.

Table 1. Platform support

Model	WAN interfaces	LAN interfaces	Integrated USB 2.0
<b>C921-4P</b>	2 ports Gigabit Ethernet (GE)	4-port GE managed switch	Yes
<b>C931-4P</b>	2 ports GE	4-port GE managed switch	Yes
<b>C927-4P</b>	1 port GE and 1 VADSL (Annex A)	4-port GE managed switch	Yes
<b>C926-4P</b>	1 port GE and 1 VADSL (Annex B/J)	4-port GE managed switch	Yes
<b>C927-4PM</b>	1 port GE and 1 VADSL (Annex M)	4-port GE managed switch	Yes

## Cisco IOS Software licensing and packaging

### Cisco IOS Universal image

A single Cisco IOS® Universal image encompassing all functions is delivered with the platform. Advanced features can be enabled simply by activating a software license on the Universal image. Technology packages and feature licenses, enabled through right-to-use licenses, simplify software delivery and decrease the operational costs of deploying new features.

Three major technology licenses are available on the Cisco 900 Series; these licenses can be activated through the Cisco software activation process identified at <https://www.cisco.com/go/sa>. The following licenses are available:

- IP Base: This technology package is the default.
- Application Experience (APP): This license includes data and application performance features.
- Security (SEC) or Security with No Payload Encryption (SEC-NPE): This license includes features for securing network infrastructure.

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Table 2 lists the part numbers and features for each of the licenses. Table 3 lists the part numbers for the software images.

Table 2. Licenses

Part number	Bundle	Features
<b>SL-900-IPB</b>	IP Base (default)	Routing protocols, Access Control Lists (ACL), Network Address Translation (NAT), Quality of Service (QoS), Bidirectional Forwarding Detection (BFD), Virtual Routing and Forwarding (VRF) Lite, IP SLA Responder
<b>SL-900-APP(=)</b>	Application Experience (APP)	<p>IP Base + advanced networking protocols: Layer 2 Tunneling Protocol (L2TP) v3, Multiprotocol Label Switching (MPLS)</p> <p>Application Experience: Performance Routing (PfR) v3, Next-Generation Network-Based Application Recognition (NBAR2), Application Visibility and Control (AVC), IP SLA Initiator</p> <p>Hybrid Cloud Connectivity: LISP, Virtual Private LAN Services (VPLS), Ethernet over MPLS</p>
<b>SL-900-SEC(=)</b> <b>SL-900-SECNPE(=)</b>	Security (SEC)	<p>IP Base + Advanced Security: Zone-based firewall, IPsec VPN, Dynamic Multipoint VPN (DMVPN), FlexVPN, Group Encrypted Transport (GET) VPN, Secure Sockets Layer (SSL) VPN</p> <p>Provides up to 250 Mbps IPsec performance</p>

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Table 3. Software images

Part number	Description
<b>Router software images</b>	
<b>SISR900UK9-1583MB(=)</b>	C900-universalk9-mz: Universal image for C921-4P, C931-4P, C927-4P, C927-4PM, C926-4P
<b>SISR900NPEUK9-1583MB(=)</b>	Cisco 900 ISR Universal image and non-payload encryption image

## Ordering information

Table 4 lists the part numbers for each of the Cisco 900 Series ISR models. To place an order, visit the [Cisco Ordering homepage](#). To download software, visit the [Cisco Software Center](#).

Table 4. Product part numbers

Part number	Description
<b>Integrated services routers</b>	
<b>C921-4P</b>	Cisco 921 Gigabit Ethernet security router with internal power supply
<b>C931-4P</b>	Cisco 931 Gigabit Ethernet security router with internal power supply
<b>C927-4P</b>	Cisco 927 Gigabit Ethernet security router with VDSL/ADSL2+ Annex A
<b>C927-4PM</b>	Cisco 927 Gigabit Ethernet security router with VDSL/ADSL2+ Annex M
<b>C926-4P</b>	Cisco 926 Gigabit Ethernet security router with VDSL/ADSL2+ Annex B/J
	<ul style="list-style-type: none"> <li>• Cisco C921-4P and C931-4P are supported only on Cisco IOS Software Release 15.8(3)Mb and later</li> <li>• Cisco C927-4P, C927-4PM, and C926-4P are supported only on Cisco IOS Software Release 15.8(3)M1 and later</li> </ul>
<b>Mount kits</b>	
<b>ACS-900-RM-19</b>	Rack-mount kit for 900 Series ISRs
<b>ACS-900-DM</b>	Under-the-desk mount kit for all 900 Series ISRs

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Create and pick out the exact top-level product ID from the above list.

The screenshot shows the Cisco Commerce Configuration interface for a C931-4P configuration. The interface includes a navigation bar with the Cisco logo and 'Cisco Commerce Configuration' text. Below the navigation bar, there are links for 'Open a Case', 'Training', 'CCW Support Community', and 'Cisco Feature Navigator'. The main content area is titled 'OPTION SELECTION C931-4P' and 'Global Price List in US Dollars (USD)'. On the left, there is a 'Configuration Summary' section with a 'View Full Summary' link. Below this, there is a 'Country Specification' dropdown menu. The main configuration area is divided into several sections: 'IOS Software Version and Type', 'IOS Technology Packages', 'Eco-Friendly', 'Power Cables', 'Mounting', 'Console', and 'Ethernet Cable'. The 'IOS Software Version and Type' section is expanded, showing a table with columns for 'SKU', 'Qty', 'Estimated Lead Time', and 'Unit List Price (USD)'. The table contains one row for 'SC900UK9-15803M' with a quantity of 1, an estimated lead time of 28 days, and a unit list price of 0.00. The 'Subtotal' is 1,695.00 and the 'Estimated Lead Time' is 77 days. There are 'Reset Configuration', 'Cancel', and 'Done' buttons at the bottom left. A 'Warnings (4)' section is visible at the top right, containing two warnings. A 'We can help!' button is located at the bottom right.

Mandatory: Cisco IOS Software Version and Type NPE or NON-NPE image (15.8.3M or later is the minimum release supported).

Optional licenses: Technology packages.

Mandatory: Power cables (pick the correct power supply cord for the country or region from the list).

All other cables and accessories are optional.

For additional information and details about Cisco IOS Software licensing and packaging on the 900 Series, please visit: <https://www.cisco.com/c/en/us/support/routers/900-series-integrated-services-routers-isr/products-licensing-information-listing.html>

For the Cisco 900 Series ISR Hardware and Software Installation Guide, go to: <https://www.cisco.com/c/en/us/support/routers/900-series-integrated-services-routers-isr/products-installation-guides-list.html>

<https://www.cisco.com/c/en/us/support/routers/900-series-integrated-services-routers-isr/products-installation-and-configuration-guides-list.html>

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## Cisco and partner services

Services from Cisco and our certified partners can help you reduce the cost and complexity of branch-office deployments. We have the depth and breadth of experience across technologies to architect a blueprint for a branch-office solution to meet your company's needs. Planning and design services align technology with business goals and can increase the accuracy, speed, and efficiency of deployment. Technical services help maintain operational health, strengthen software application functions, solve performance problems, and lower expenses. Optimization services are designed to continually improve performance and help your team succeed with new technologies. For more information, visit <https://www.cisco.com/go/services>.

Cisco Smart Net Total Care® technical support for the 900 Series ISRs is available on a one-time or annual contract basis. Support options range from help-desk assistance to proactive, onsite consultation. All support contracts include:

- Major Cisco IOS Software updates in protocol, security, bandwidth, and feature improvements
- Full access rights to Cisco.com technical libraries for technical assistance, electronic commerce, and product information
- 24-hour access to the industry's largest dedicated technical support staff

## For more information

For more information about the Cisco 900 Series ISRs, visit <https://www.cisco.com/go/isr900> or contact your local Cisco account representative.