

Overview

Cisco 2901 Integrated Services Router (ISR) delivers highly secure data, voice, video, and application services for small offices. CISCO2901-SEC/K9 is almost the same as CISCO2901/K9, except that it offers Security bundle.

Quick Specs

Figure 1 shows the front view of CISCO2901-SEC/K9.

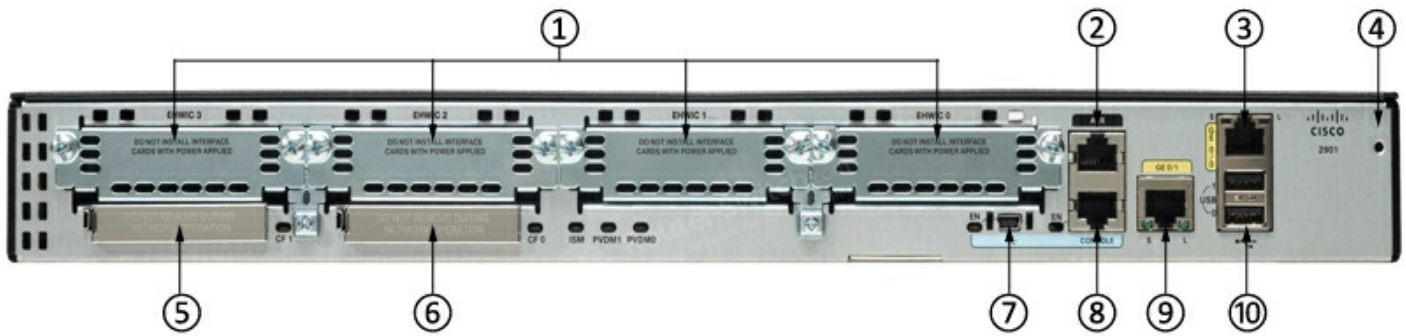


Table 1 shows the Quick Specs of the CISCO2901-SEC/K9.

Product Code	CISCO2901-SEC/K9
Bundle	Security Bundle w/SEC license PAK
Rack Units	1U
Interfaces	2 integrated 10/100/1000 Ethernet ports
Expansion Slot(s)	2 onboard digital signal processor (DSP) slots 4 enhanced high-speed WAN interface card slots 1 onboard Internal Service Module for application services
RAM	512 MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Dimensions	43.9 cm x 43.8 cm x 4.5 cm
Package Weight	11.48 Kg

Product Details

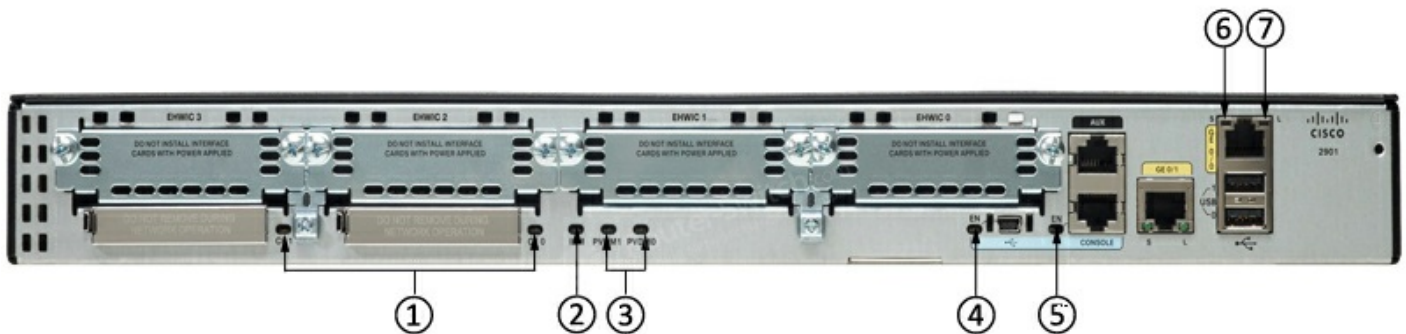
Figure 2 shows the ports on the back panel of CISCO2901-SEC/K9.



Note:

- | | |
|---|--|
| (1) EHWIC slots 0, 1, 2, and 3 (0, Far right) | (6) CompactFlash 0 and 1 |
| (2) Aux port | (7) USB serial port |
| (3) 10/100/1000 Ethernet port (GE0/0) | (8) RJ-45 serial console port |
| (4) Ground | (9) 10/100/1000 Ethernet ports (GE0/1) |
| (5) CompactFlash 0 and 1 | (10) USB0 and USB1 (1, Top) |

Figure 3 shows the LEDs on the back panel of CISCO2901-SEC/K9.



Note:

- | | |
|-------------------------------------|-------------------------------|
| (1) CompactFlash 0 and 1 (0, Right) | (5) EN (Enable RJ-45 console) |
| (2) ISM | (6) S (Speed) |
| (3) PVDM3 0 and 1 (0, Right) | (7) L (Link) |
| (4) EN (Enable USB console) | |

The Modules and Cards

Table 2 shows some recommended modules and cards for this router.

Models	Description
VVIC3-2MFT-G703	Cisco Voice/WAN Card VWIC3-2MFT-G703
HWIC-2T	2-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
EHWIC-1GE-SFP-CU	Cisco 1900, 2900, 3900 Router EHWIC WAN Card vb EHWIC-1GE-SFP-CU

EHWIC-4ESG	Four port 10/100/1000 Base-TX Gigabit Ethernet switch interface card for Cisco 1900 2900 3900 Routers
ISM-SRE-300-K9	Internal Services Module (ISM) with Services Ready Engine
PVDM3-16	16-channel high-density voice DSP module
MEM-CF-256U1GB	256MB to 1GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U2GB	256MB to 2GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U512MB	256MB to 512MB CF Upgrade for Cisco 1900,2900,3900 ISR
MEM-CF-256U4GB	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEMUSB-1024FT	1GB USB Flash Token

Support and Resources

-  [\[PDF\] Cisco 2900 Series Router Datasheet.pdf](#)
-  [\[PDF\] Cisco ISR 4451-X vs. ISR 3900 vs. ISR 2900 vs. ISR 1900](#)

Transition Guide

-  [\[PDF\] Guide to Upgrade Your ISR G1 and ISR G2 Routers to ISR 4000](#)

Get more information

Do you have any question about the CISCO2901-SEC/K9?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

CISCO2901-SEC/K9 Specification	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	CISCO2901-SEC/K9
Product Type	Router
Form Factor	External - modular - 1U
Dimensions (WxDxH)	43.9 cm x 43.8 cm x 4.5 cm
Weight	6.1 kg
DRAM Memory	512 MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Routing Protocol	OSPF, IS-IS, BGP, EIGRP, DVMRP, PIM-SM, IGMPv3, GRE, PIM-SSM, static IPv4 routing, static IPv6 routing
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Network / Transport Protocol	IPSec
Remote Management Protocol	SNMP, RMON

CISCO2901-SEC/K9 Specification	
Features	Firewall protection, VPN support, MPLS support, Syslog support, IPv6 support, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED), Dynamic Multipoint VPN (DMVPN)
Compliant Standards	IEEE 802.1Q, IEEE 802.3af, IEEE 802.3ah, IEEE 802.1ah, IEEE 802.1ag
Power	AC 120/230 V (50/60 Hz)

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