

# ISR4321-SEC/K9 Datasheet

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## Overview

Cisco ISR4321-SEC/K9 is the Cisco ISR4321/k9 router with Security Bundle. Its other specifications are the same as ISR4321/k9.

### Quick Specs

Figure 1 shows the appearance of Cisco ISR4321-SEC/K9.

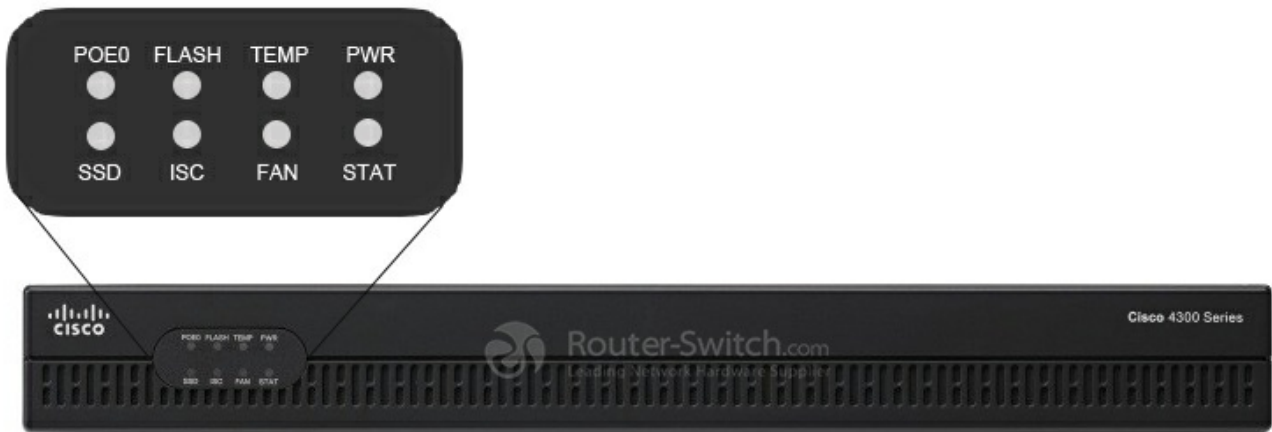


Table 1 shows the Quick Specs.

<b>Product Code</b>	Cisco ISR4321-SEC/K9
<b>Bundle</b>	Security Bundle
<b>Aggregate Throughput</b>	50 Mbps to 100 Mbps
<b>Total onboard WAN or LAN 10/100/1000 ports</b>	2
<b>RJ-45-based ports</b>	2
<b>SFP-based ports</b>	1
<b>NIM (Network Interface Modules) slots</b>	2
<b>Onboard ISC slot</b>	1
<b>Memory</b>	4 GB (default) / 8 GB (maximum)
<b>Flash Memory</b>	4 GB (default) / 8 GB (maximum)
<b>Power-supply options</b>	External: AC and PoE
<b>Rack height</b>	1 RU
<b>Dimensions (H x W x D)</b>	44.55 mm x 369.57 mm x 294.64 mm
<b>Package Weight</b>	9.19 Kg

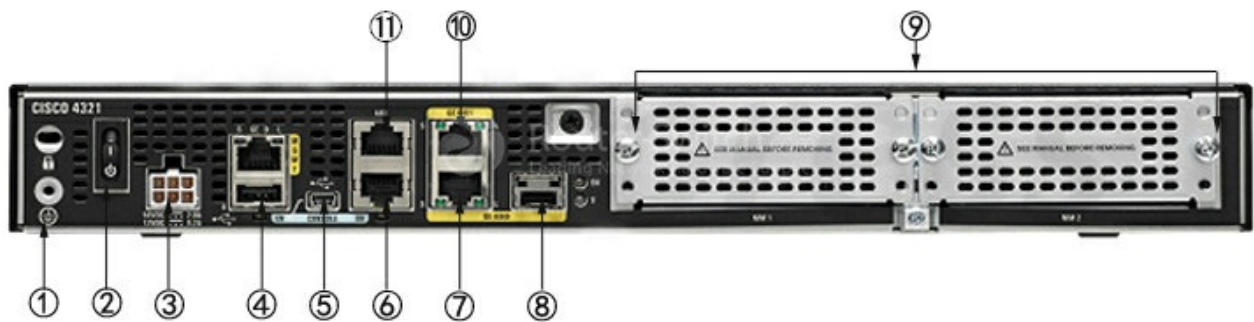
### Product Details

Figure 2 shows the LEDs on the front panel of the Cisco ISR4321-SEC/K9.



· There are eight LEDs on the front panel: POE0, FLASH, TEMP, PWR, SSD, ISC, FAN, and STAT.

**Figure 3 shows the back panel of Cisco ISR4321-SEC/K9.**



Note:

(1)	Grounding	(7)	GE 0/0/1 (copper cable) port
(2)	Power switch	(8)	GE 0/0/0 SFP (fiber-optic) port
(3)	Power input connector	(9)	NIM slots
(4)	GE "MGMT" port (with USB port below)	(10)	GE 0/0/0 RJ-45 (copper cable) port
(5)	USB Type B mini port	(11)	Auxiliary port
(6)	Console port		

· The NIMs support 2 single-wide or 1 double-wide.

**Figure 4 shows the Security Bundle Function of Cisco ISR4321-SEC/K9.**



## The Modules, Cards and Accessories

Table 2 shows some recommended modules, cards, and cables.

Items	Models	Description
<b>Console and Auxillary Cables</b>	<a href="#">CAB-CONSOLE-RJ45</a>	Cisco CAB-CONSOLE-RJ45 Console Cable 6ft with RJ45 and DB9F
	<a href="#">CAB-CONSOLE-USB</a>	Cisco CAB-CONSOLE-USB Console Cable 6 ft with USB Type A and mini-B
<b>Network Interface Modules</b>	<a href="#">NIM-2CE1T1-PRI</a>	Cisco Multiflex Trunk Voice and WAN network interface module
	<a href="#">NIM-1MFT-T1/E1</a>	Cisco Fourth-Generation Multiflex Trunk Voice and WAN network interface module
	<a href="#">NIM-4E/M</a>	Analog voice network interface card (ear and mouth)
	<a href="#">NIM-2FXS</a>	Cisco Analog voice network interface card NIM-2FXS
	<a href="#">NIM-2FXS/4FXO</a>	Cisco Analog voice network interface card NIM-2FXS/4FXO
<b>SFPs for On-Board GE Ports</b>	<a href="#">GLC-LH-SMD</a>	Cisco GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
	<a href="#">GLC-ZX-SMD</a>	Cisco GLC-ZX-SMD 1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM
	<a href="#">GLC-SX-MMD</a>	Cisco GLC-SX-MMD 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM

## Compare to Similar Item

Models	<a href="#">ISR4321/K9</a>	<b>ISR4321-SEC/K9</b>
Bundle	<b>None</b>	<b>Security Bundle</b>
Aggregate Throughput	50 Mbps to 100 Mbps	50 Mbps to 100 Mbps
Total onboard WAN or LAN 10/100/1000 ports	2	2

RJ-45-based ports	2	2
SFP-based ports	1	1
Enhanced service-module slots	0	0
NIM slots	2	2
Onboard ISC slot	1	1
Rack height	1	1

Get more information

Do you have any question about the Cisco ISR4321-SEC/K9?

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Specification

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Cisco ISR4321-SEC/K9 Specification	
Type	Cisco ISR4321/K9 with Security Bundle
Aggregate Throughput	50 Mbps to 100 Mbps
Total onboard WAN or LAN 10/100/1000 ports	2
RJ-45-based ports	2
SFP-based ports	1
Enhanced service-module slots	0
Doublewide service-module slots	0
NIM slots	2
OIR (all I/O modules)	Yes
Onboard ISC slot	1
Default memory double-data-rate 3 (DDR3) error-correction-code (ECC) DRAM (Combined control/services/data planes)	4 GB
Maximum memory DDR3 ECC DRAM (Combined control/services/data planes)	8 GB
Default memory DDR3 ECC DRAM (data plane)	NA
Maximum memory DDR3 ECC DRAM (data plane)	NA
Default memory DDR3 ECC DRAM (control/services plane)	NA
Maximum memory DDR3 ECC DRAM (control/services plane)	NA
Default flash memory	4 GB
Maximum flash memory	8 GB
External USB 2.0 slots (type A)	1
USB console port -type B mini (up to 115.2 kbps)	1
Serial console port - RJ45 (up to 115.2 kbps)	1

Serial auxiliary port - RJ45 (up to 115.2 kbps)	1
Power-supply options	External: AC and PoE
Redundant power supply	N/A
AC input voltage	100 to 240 VAC autoranging
AC input frequency	47 to 63 Hz
AC input current range, AC power supply (maximum)	1.5 to 0.6A
AC input surge current	90 A peak and less than 3 Arms per half cycle
Typical power (no modules) (watts)	36
Maximum power with AC power supply (watts)	125
Maximum power with PoE power supply (platform only) (watts)	260
Maximum endpoint PoE power available from PoE power supply (watts)	120

## Download Resource

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### Support and Resources

-  [Cisco ISR 4000 Series Router Datasheet](#)
-  [Comparison of Cisco ISR 4000 Models](#)
-  [Cisco 4000 Series Integrated Services Routers Frequency Asked Question](#)
-  [Cisco 4000 Series Integrated Services Routers Configuration Guide](#)

### Transition Guide

-  [Guide to Select New Cisco Routers](#)
-  [Guide to Upgrade Your ISR G1 and ISR G2 Routers to ISR 4000](#)

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