CISCO1921/K9 Datasheet

Get a Quote

Overview

The Cisco 1921 Router, which Memory and Flash Memory can't upgrade, is designed for branch offices.

Quick Specs

Figure 1 shows the front view of Cisco Router 1921/K9.

Table 1 shows the Quick Specs of the CISCO1921/K9.

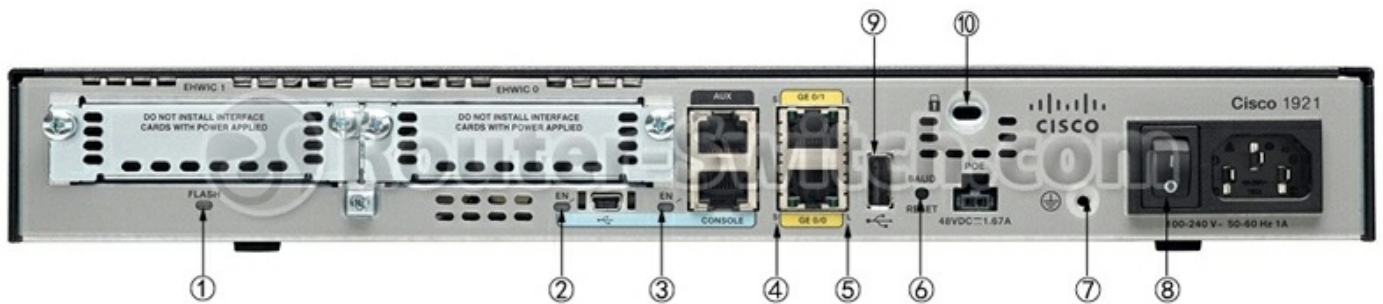|	
Product Code	CISCO1921/K9
Rack Units	1U
Interfaces	2 integrated 10/100/1000 Ethernet ports: GE0/0&GE0/1
Expansion Slot(s)	2 enhanced High-Speed WAN Interface Card (EHWIC) slots
RAM	512 MB/512 MB
Flash Memory	256 MB/256 MB
Dimensions	1.75 x 13.5 x 11.5 in.
Package Weight	5.41 Kg

Product Details

Figure 2 shows the statue LEDs, on the front panel of the 1921/K9, including three statues: SYS, ACT and PoE.

LED Area

Table 2 shows the front panel LED area description.

LED	Color	Description
SYS	Solid green	Solid green indicates normal operation.
	Blinking green	System is booting or is in ROM monitor mode.
	Amber	System error.
	Off	Power is off or system board is faulty.
ACT	Green	Solid or blinking when any packets are transmitted or received on any WAN or LAN, or when monitoring system activity.
PoE	Green	PoE is available.
	Amber	Power supply is not supplying PoE power.

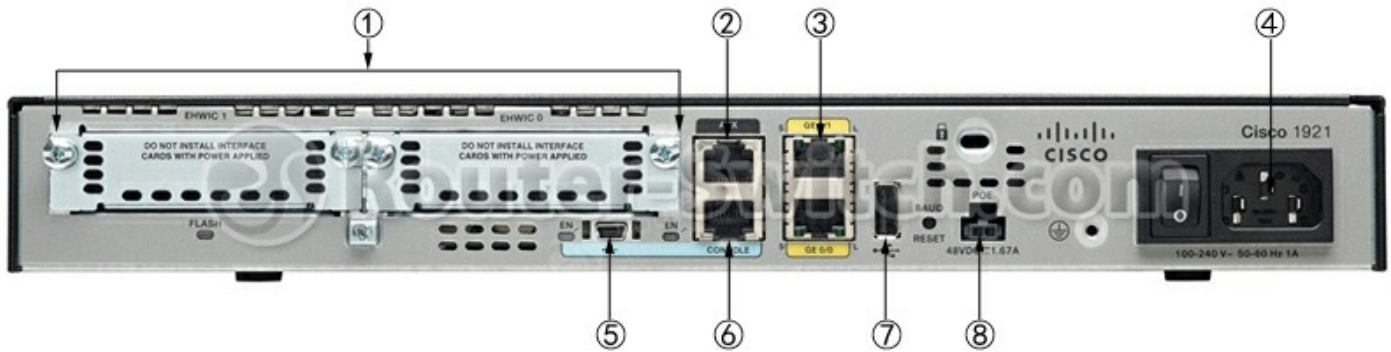**Figure 3 shows the back panel of the CISCO1921/K9.**

Note:

(1) Flash LED (2) EN (USB serial console port) (3) EN(RJ-45 console port) (4) S (Speed) (5) L (Link) (6) Baud reset (7) Ground connector (8) On/Off switch (9) USB port (10) Kensington security slot

Table 3 shows the back panel LED area description.

LED	Color	Description	Location
Flash LED	Green	Blinking means software is accessing the internal USB Flash (eUSB) device.	Back Panel
	Amber	Initialized with error.	
EN (USB serial console port)	Green	The USB console port is active.	Back Panel

EN(RJ-45 console port)	Green	The RJ-45 console port is active.	Back Panel
S (Speed)	1 blink + pause	GE port operating at 10 Mb/s.	Back Panel
	2 blink + pause	GE port operating at 100 Mb/s.	
	3 blink + pause	GE port operating at 1000 Mb/s.	
L (Link)	Green	GE link is established.	Back Panel
	Off	No GE link is established.	

Figure 4 shows the ports and slots on the back panel of Cisco 1921/K9.

Note:

(1) EHWIC slot (2) Auxiliary port (3) GE 0/0 down and 0/1(up) (4) Input power connector (5) USB serial port (6) RJ-45 serial console port (7) USB port (8) POE

* Cisco 1921/K9 supports 1 integrated EHWIC slots for flexible configurations. It supports two modules:

1. 1 double wide HWIC-D or single wide EHWIC/HWIC module or 2 single wide EHWIC/HWIC module.
2. High-speed USB 2.0 ports enable another mechanism secure token capabilities and storage.

Figure 5 shows the unboxing view of CISCO1921/K9.

Recommended Cards and Licenses

Table 4 shows recommended EHWIC, HWIC, VWIC cards and licenses for this router.

Category	Models	Description
EHWIC	EHWIC-1GE-SFP-CU	Cisco 1900, 2900, 3900 Router EHWIC WAN Card EHWIC-1GE-SFP-CU
	EHWIC-4ESG	Four port 10/100/1000 Base-TX Gigabit Ethernet switch interface card for Cisco 1900 2900 3900 Routers
HWIC	HWIC-2FE	HWIC two routed port Cisco Router High-Speed WAN Interface card
	HWIC-1T	1-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
	HWIC-2T	2-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
VWIC	VWIC3-1MFT-T1/E1	Cisco Voice/WAN Card VWIC3-1MFT-T1/E1
	VWIC3-2MFT-T1/E1	Cisco Voice/WAN Card VWIC3-2MFT-T1/E1
	VWIC3-1MFT-G703	Cisco Voice & WAN T1/E1 interface moudle VWIC3-1MFT-G703
	VWIC3-2MFT-G703	Cisco Voice/WAN Card VWIC3-2MFT-G703
Licenses	L-SL-19-DATA-K9	Cisco 1900 IOS License L-SL-19-DATA-K9= Data E-Delivery PAK for Cisco 1900
	L-SL-19-SEC-K9	Security License for Cisco 1900
	L-SL-19-APP-K9	AppX License with; DATA and WAAS for Cisco 1900 Series

Get more information

Do you have any question about the Cisco 1921/K9 router?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specifications

CISCO1921/K9 Specification	
Services and Slot Density	
Embedded hardware-based cryptography acceleration (IPsec + SSL)	Yes
RJ-45 onboard LAN/WAN 10/100/1000 ports	2
EHWIC slots	2
Doublewide EHWIC slots (use of a doublewide EHWIC slot will consume 2 EHWIC slots)	1
Cisco Integrated Services Module (ISM) slots	0
Memory (DDR2 DRAM): Default/maximum	512 MB/512 MB
USB flash memory (internal): Default/maximum	256 MB/256 MB
External USB flash-memory slots (Type A)	1
USB console port (mini-Type B) (up to 115.2 kbps)	1
Serial console port (up to 115.2 kbps)	1
Serial auxiliary port (up to 115.2 kbps	1
Integrated power supply	AC and DC power-supply models
Power-supply options	POE (external) - on AC models only
Redundant-power-supply support	No
Power Specifications	
AC input voltage	100-240V ~
AC input frequency	47-63 Hz
AC input current range AC power supply (maximum) (amps)	1.5-0.6
AC input surge current	<50A
Typical power (no modules)	25W
Maximum power capacity with AC power supply	60W
Maximum power capacity with PoE power supply (platform only)	70W
Maximum PoE device power capacity with PoE power supply	80W
DC power input	32-60 VDC, 4A, positive or negative, single source
DC input wire size	AWG 14 (2.0 mm2)
Safety ground-wire size	AWG 14 (2.0 mm2), minimum
Wire terminal (lug)	Amp/Tyco No.32957
Overcurrent protection	20A maximum
Physical Specifications	
Dimensions (H x W x D)	1.75 x 13.5 x 11.5 in. (4.45 x 34.29 x 29.21 cm)
Rack height	1 rack unit (1RU)

Rack-mount 19 in. (48.3 cm) EIA	Optional
Wall-mount (refer to installation guide for approved orientation)	Yes
Package Weight	11.9 lb (5.41 Kg)
Weight: With AC power supply (no modules)	6.75 lb (3.06 Kg)
Weight: With PoE power supply (no modules)	7.5 lb (3.4 Kg)
Airflow	Back to sides
Environmental Specifications	
Operating Conditions	
Temperature: 5906 ft (1800m) maximum altitude	32-104°F (0-40°C)
Temperature: 9843 ft (3000m) maximum altitude	32-77°F (0-25°C)
Altitude	10,000 ft (3,000m)
Humidity	10 to 85% relative humidity (RH)
Acoustic: Sound pressure (typical/maximum)	32.99/58.33 dBA
Acoustic: Sound power (typical/maximum)	41.99/67.22 dBA
Transportation and Storage Conditions	
Temperature	-40 to 158°F (-40 to 70°C)
Humidity	5 to 95% RH
Altitude	15,000 ft (4,570m)
Regulatory Compliance	
Safety	UL 60950-1 CAN/CSA C22.2 No. 60950-1 EN 60950-1 AS/NZS 60950-1 IEC 60950-1
EMC	47 CFR, Part 15 ICES-003 Class A EN55022 Class A CISPR22 Class A AS/NZS 3548 Class A VCCI V-3 EN 300-386 EN 61000 (Immunity) EN 55024, CISPR 24 EN50082-1
Telecom	TIA/EIA/IS-968 CS-03 ANSI T1.101 IEEE 802.3 RTTE Directive

Want to Buy

Order Now   Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+	18,000+	$20,000,000	50%-98%	100%
Countries we Sold	Customers Trusted	Inventory Available	Off Global List Price	Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com