

# CP-7821-K9 Datasheet



## Overview

The [Cisco IP Phone 7821](#) is designed for small to large businesses. It delivers advanced IP Telephony features and crystal clear wideband audio performance to deliver an easy-to-use, full-featured voice communications experience on Cisco on-premises and hosted infrastructure platforms and third party hosted call control.

### Quick Specs

Figure 1 shows the appearance of the CP-7821-K9.



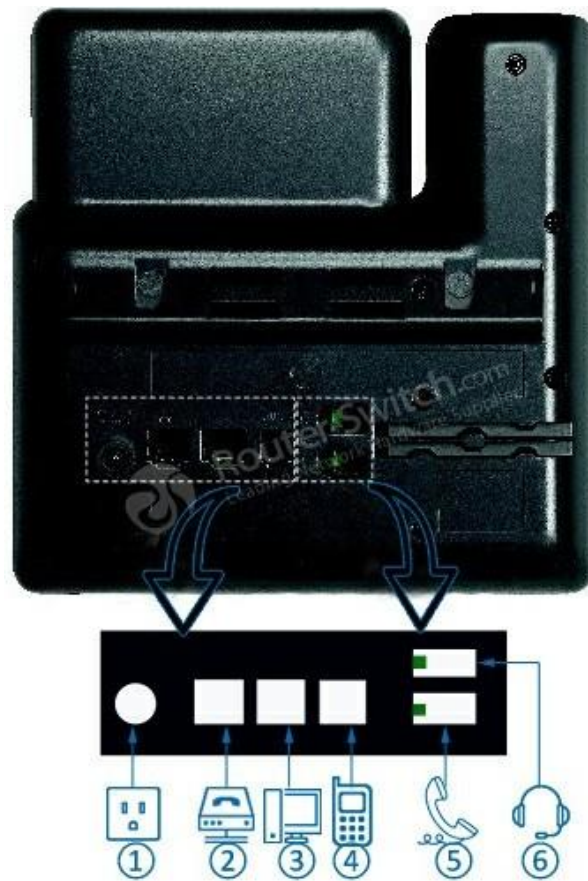
Table 1 shows the Quick Spec.

Product Code	CP-7821-K9
Screen	384 x 106 pixel (3.28 in. / 83.3 mm)
Ethernet Switch	10/100
Programmable Line Keys	2
Full Duplex Speakerphone	Yes
Number of Line Keys	2
Wideband Audio	Yes
PoE Class	1
Third-party Call Control	Yes
Replaceable Bezel	Yes
Package Weight	1.7 Kg

### Product Details

Before you use the Cisco IP Phone 7821, it should be connected to the corporate IP telephony network.

Figure 2 shows the bottom ports of this IP Phone.



Note:

- (1) AC power wall plug (optional)
- (2) Network port (10/100 SW) connection. IEEE 802.3af power enabled
- (3) Access port (10/100 PC) connection
- (4) Auxiliary port (optional)
- (5) Handset connection
- (6) Analog headset connection (optional)

**Figure 3** shows the buttons and hardware.



Note:

- (1) Handset light strip    (2) Programmable feature buttons    (3) Phone screen    (4) Softkey buttons    (5) Navigation and Select button    (6) Hold/Resume button
- (7) Conference button    (8) Transfer button    (9) Speakerphone button    (10) Headset button    (11) Mute button
- (12) Keypad
- (13) Volume button    (14) Contacts button    (15) Applications button    (16) Messages button    (17) Handset

Figure 4 shows the unboxing view of CP-7821-K9.



### Compare to Similar Items

Table 2 shows the comparison of Cisco IP Phone 7811, 7821, 7841 and 7861.

Model	CP-7811-K9	CP-7821-K9	CP-7841-K9	CP-7861-K9
Ethernet switch	10/100	10/100	10/100/1000	10/100
Programable line keys	0	2	4	16
Number of Line Keys	0	2	4	16

Full duplex speakerphone	Yes (narrowband)	Yes	Yes	Yes
PoE Class	1	1	1	1
Third-party call control	Planned	Yes	Yes	Yes
Replaceable bezel	N/A	Yes	Yes	Yes

## Specification

---

CP-7821-K9 Specifications	
Signaling protocol support	<ul style="list-style-type: none"> <li>• Session Initiation Protocol (SIP)</li> </ul>
Codec support	<ul style="list-style-type: none"> <li>• G.711a/μ, G.722, G.729a, iLBC</li> </ul>

**Key call features support**

- + Dialing (E.164)
- Abbreviated dial
- Adjustable ringing and volume levels
- Adjustable display contrast
- Agent greeting
- Auto-answer
- Auto-detection of headset (Not available on the IP Phone 7811)
- Busy Lamp Field (BLF) (Not available on the IP Phone 7811)
- Call back
- Call forward
- Call history
- Call park
- Call Pickup
- Call timer
- Call waiting
- Caller ID
- cBarge
- Corporate directory
- Conference
- Cross Cluster Extension Mobility (EMCC)
- Dial from the list
- Direct transfer
- Do not disturb
- Extension Mobility (EM)
- Forced access codes and client matter codes
- Group call pickup
- Hold/resume
- Immediate divert
- Intercom (Not available on the IP Phone 7811)
- Join (Not available on the IP Phone 7811)
- Message-waiting indicator
- Meet me conference
- Mobility
- Music on hold
- Mute
- Network profiles (automatic)
- On- and off-network distinctive ringing
- Personal directory
- Privacy
- Private Line Automated Ringdown (PLAR)
- Redial
- Ring tone per line appearance
- Shared line
- Silent monitoring and recording
- Speed dial
- Time and date display
- Transfer
- Voicemail
- Whisper coaching