Comparison Chart of the Cisco IP Phone 8800 Series

Objective

The Cisco IP Phone 8800 Series are based on the same hardware as Cisco enterprise phones but have different software as it supports 3rd Party Call Control (3PCC). These models support most features of SPA phones with refreshed ID and enhanced user experience.

The 8800 Series is ideal for knowledge workers, as well as administrative, managerial, and executive staff. It also works well in shared workspace environments.

With the Cisco Spark Phone OS, the series provides flexible deployment options, whether on-premises, from the cloud, or in a hybrid configuration.

This article provides a comparative chart of common and unique features among the different models of the Cisco IP Phone 8800 Series.

Applicable Devices

- Cisco IP Phone 8800 Series

Comparison Chart

Cisco IP Phone 8800 Series

Features	CP-8841	CP-8851	CP-8
Screen	800 x 480 WVGA (5")	800 x 480 WVGA (5")	800 x
Touch Screen	No	No	No
Ethernet Switch	10/100/1000 Mbps	10/100/1000 Mbps	10/10
Programmable Line Keys	5	5	5
Programmable Soft	4	4	4

Keys			
Fixed Features Keys	12	12	12
Mobile Remote Access without a VPN client through Cisco Express way	Yes	Yes	Yes
Handsfree	Yes	Yes	Yes
Speaker phone	Yes	Yes	Yes
Signaling Protocols	SIP	SIP, Bluetooth	SIP,
802-3AF	Yes	Yes	Yes
Wi-Fi	—	—	802.1
Cisco Intelligent Proximity for Mobile Voice	Yes	Yes	Yes
USB Charging	—	1 Port	2 Por
Cisco Power	No	No	No
DHCP	Yes	Yes	Yes
Codecs	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC and Internet Low Bitrate Codec (iLBC)	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC and Internet Low Bitrate Codec (iLBC)	G.71 G.729 and I (iLBC
802-1p/q	Yes	Yes	Yes
Supported Cisco Call Control Platforms	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Spark Cloud: Requires Spark Phone OS 11.0 or later Third Party Call Control: IP Phone Firmware cp-88xx- 10-3-1-1-3PCC and later	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Spark Cloud: Requires Spark Phone OS 11.0 or later Third Party Call Control: IP Phone Firmware cp-88xx- 10-3-1-1-3PCC and later	CUC mode later 10.0 later Spark Third Phon 1-1-3
UC Manager	Yes	Yes	Yes

Encryption Support			
Headset Port (RJ9)	Yes	Yes	Yes
EHH Support (AUX)	—	—	—
Electronic Hook Switch (EHS) Support (AUX & USB)	Yes (AUX only)	Yes	Yes
Wideband Audio	Yes	Yes	Yes
POE Classification	Class 2	3	4
Key Expansion Module (KEM) Support	—	Up to 2	Up to
External Audio Port	—	—	Yes
Integrated Bluetooth	—	Yes	Yes