

Comparison Chart of the Cisco IP Phone 7800 Series

Objective

The Cisco IP Phone 7800 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 cost-effective Cisco IP Phone 7800 Series is ideal for small to large enterprises seeking high-quality, full-featured Voice over Internet Protocol (VoIP) communications. These IP Phones are a great fit for customers who use traditional analog or digital phones today and want to advance to a Cisco IP Phone system, whether deployed on-premises, from the cloud, or in hybrid configurations with the Cisco Spark Phone OS.





This article provides a comparative chart of common and unique features among the different models of the Cisco IP Phone 7800 Series.

Applicable Devices

- Cisco IP Phone 7800 Series

Comparison Chart

Cisco IP Phone 7800 Series

				
Screen	384 x 106 pixel-based, anti-glare graphical monochrome display (3.28"/ 83.3 mm)	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight (3.5"/ 89 mm)	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight (3.5"/ 89 mm)	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight (3.5"/ 89 mm)
Touch Screen	No	No	No	No
Ethernet Switch	10/100 Mbps	10/100 Mbps	10/100/1000 Mbps	10/100 Mbps
Programmabl	1	2	4	16

e Line Keys				
Programmable Soft Keys	4	4	4	4
Fixed Features Keys	11	11	11	11
Mobile Remote Access without a VPN client through Cisco Expressway	Yes	Yes	Yes	Yes
Handsfree	Yes	Yes	Yes	Yes
Speakerphone	Yes (Narrowband)	Yes	Yes	Yes
Signaling Protocols	SIP	SIP	SIP	SIP
802-3AF	Yes	Yes	Yes	Yes
Headset Port	No	Yes	Yes	Yes
Third Party XML Support	—	—	—	—
USB Charging	—	—	—	—
Cisco Power	—	—	—	—
DHCP	Yes	Yes	Yes	Yes
Codecs	G.711a/, G.722, G.729a, iLBC	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, and Internet Low Bitrate Codec (iLBC)	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, and Internet Low Bitrate Codec (iLBC)	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, and Internet Low Bitrate Codec (iLBC)
802-1p/q	Yes	Yes	Yes	Yes
Supported Cisco Call Control Platforms	CUCM: 8.62, 9.1.2, 10x and later -Bus. Edition: 8.6.2HCS: 9.1.2 Spark Cloud: Requires Spark Phone OS 11.0 or later	CUCM: 8.62, 9.1.2, 10x and later -Bus. Edition: 8.6.2HCS: 9.1.2 Spark Cloud: Requires Spark Phone OS 11.0 or later	CUCM: 8.62, 9.1.2, 10x and later -Bus. Edition: 8.6.2HCS: 9.1.2 Spark Cloud: Requires Spark Phone OS 11.0 or later	CUCM: 8.62, 9.1.2, 10x and later -Bus. Edition: 8.6.2HCS: 9.1.2 Spark Cloud: Requires Spark Phone OS 11.0 or later
UC Manager Encryption Support	Yes	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes	Yes
EHS Support (AUX)	Yes	Yes	Yes	Yes
Electronic Hook Switch	Yes (AUX only)	Yes (AUX only)	Yes (AUX only)	Yes (AUX only)

(EHS) Support (AUX & USB)				
Wideband Audio	Yes (available with purchase of wideband headset)	Yes	Yes	Yes
POE Classification	1	1	1	1
Key Expansion Module (KEM) Support	—	—	—	—
External Audio Port	—	—	—	—
Integrated Bluetooth	—	—	—	—