



About Cisco Unified Communications Manager Express (Unified CME)

Revised: November 30, 2023

Feature Support	For information on Unified CME feature support across platforms and protocols, see Unified CME Platform Protocol Compatibility Matrix. For information on phone feature support in Unified CME, see Phone Feature Support Guide.
Documentation	See Unified CME product documentation .
Cisco IOS Compatibility	Other Cisco IOS software releases may inherit Unified CME 14.1 To get a list of Cisco IOS software releases that support Unified CME 14.1, go to Feature Navigator .
Downloads	Link for all CME downloads: https://software.cisco.com/download/home/277641082 Link for phone software: https://software.cisco.com/download/home/286037605
DDTS Information	To find the latest Unified CME DDTS information, go to Bug Toolkit and search by product, for Cisco Unified Communications Manager Express (Unified CME).

Note: The endpoints, devices, and platforms listed in the document will not be supported with Unified CME after they reach End-of-Life or End-of-Support.

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco ATA 191	--	ATA191.12-0-1SR1-1.img.sgn ATA191.12-0-1SR1-1.loads	
Cisco ATA-190	--	ATA190.1-2-1(004)	
Cisco VG310	Cisco IOS XE Fuji 16.9.1	--	
Cisco VG320	Cisco IOS XE Fuji 16.9.1	--	
Cisco VG350	Cisco IOS XE Fuji 16.9.1	--	
Cisco IP Communicator	--	--	Cisco IPC v8.6 support only.
Cisco Unified IP Phone 3905	--	APP3905.9-2-1-0.zz CP3905.9-2-1-0.loads	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 6901	APP6901SCCP.9-2-1-a.zz.sgn APP6911SCCP.9-2-1-a.zz.sgn BFS6911SCCP.9-2-1-a.zz.sgn KNL6901SCCP.9-2-1-a.zz.sgn KNL6911SCCP.9-2-1-a.zz.sgn SCCP6901.9-2-1-a.loads* SCCP6911.9-2-1-a.loads*	APP6901SIP.9-2-1-0.zz.sgn APP6911SIP.9-2-1-0.zz.sgn BFS6911SIP.9-2-1-0.zz.sgn KNL6901SIP.9-2-1-0.zz.sgn KNL6911SIP.9-2-1-0.zz.sgn SIP6901.9-2-1-0.loads SIP6911.9-2-1-0.loads	
Cisco Unified IP Phone 7811		kern2.78xx.12-0-1-11.sbn kern78xx.12-0-1-11.sbn rootfs2.78xx.12-0-1-11.sbn rootfs78xx.12-0-1-11.sbn sboot2.78xx.12-0-1-11.sbn sboot78xx.12-0-1-11.sbn sip78xx.12-0-1-11.loads	
Cisco Unified IP Phone 7821		kern2.78xx.12-0-1-11.sbn kern78xx.12-0-1-11.sbn rootfs2.78xx.12-0-1-11.sbn rootfs78xx.12-0-1-11.sbn sboot2.78xx.12-0-1-11.sbn sboot78xx.12-0-1-11.sbn sip78xx.12-0-1-11.loads	
Cisco IP Conference Phone 7832		kern7832.12-1-1-12.sbn prelo7832.BR-01-06.sbn rootfs7832.12-1-1-12.sbn sboot7832.BR-01-10.sbn sip7832.12-1-1-12.loads	
Cisco Unified IP Phone 7841		kern2.78xx.12-0-1-11.sbn kern78xx.12-0-1-11.sbn rootfs2.78xx.12-0-1-11.sbn rootfs78xx.12-0-1-11.sbn sboot2.78xx.12-0-1-11.sbn sboot78xx.12-0-1-11.sbn sip78xx.12-0-1-11.loads	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 7861		kern2.78xx.12-0-1-11.sbn kern78xx.12-0-1-11.sbn rootfs2.78xx.12-0-1-11.sbn rootfs78xx.12-0-1-11.sbn sboot2.78xx.12-0-1-11.sbn sboot78xx.12-0-1-11.sbn sip78xx.12-0-1-11.loads	
Cisco Unified IP Phone Expansion Module 7916	B016-1-0-4.sbn	--	
Cisco Unified IP Phone 7945G and 7965G		SIP45.9-2-1S.loads apps45.9-2-1TH1-13.sbn cnu45.9-2-1TH1-13.sbn cvm45sip.9-2-1TH1-13.sbn dsp45.9-2-1TH1-13.sbn jar45sip.9-2-1TH1-13.sbn term45.default.loads term65.default.loads	
Cisco Unified IP Phone 7975G	SCCP75.9-2-1S.loads apps75.9-2-1TH1-13.sbn cnu75.9-2-1TH1-13.sbn cvm75sccp.9-2-1TH1-13.sbn dsp75.9-2-1TH1-13.sbn jar75sccp.9-2-1TH1-13.sbn term75.default.loads	SIP75.9-2-1S.loads apps75.9-2-1TH1-13.sbn cnu75.9-2-1TH1-13.sbn cvm75sip.9-2-1TH1-13.sbn dsp75.9-2-1TH1-13.sbn jar75sip.9-2-1TH1-13.sbn term75.default.loads	
Cisco Unified IP Phone 8811	--	boot1288xx.BE-01-007.sbn fbi88xx.BE-01-010.sbn kern88xx.12-0-1-11.sbn kern288xx.12-0-1-11.sbn m0patch288xx.BE-01-001.sbn rootfs88xx.12-0-1-11.sbn rootfs288xx.12-0-1-11.sbn sb288xx.BE-01-024.sbn sb2288xx.BE-01-010.sbn sip88xx.12-0-1-11.loads ssb288xx.BE-01-005.sbn vc488xx.12-0-1-11.sbn	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 8821		dtblob8821.HE-01-005.sbn fbi8821.HE-01-010.sbn kern8821.11-0-3SR6-15.sbn rootfs8821.11-0-3SR6-15.sbn sb28821.HE-01-020sbn sip8821.11-0-3SR6-15.loads vc48821.11-0-3SR6-15.sbn	
Cisco Unified IP Phone 8831	--	kern8831.10-3-1SR3-5.sbn rootfs8831.10-3-1SR3-5.sbn sboot8831.10-3-1SR3-5.sbn sip8831.10-3-1SR3-5.loads	
Cisco IP Conference Phone 8832		kern8832.12-1-1-23.sbn loader8832.VO-01-003.sbn rootfs8832.12-1-1-23.sbn sb28832.VO-01-015.sbn sip8832.12-1-1-23.loads	
Cisco Unified IP Phone 8841	--	boot1288xx.BE-01-007.sbn fbi88xx.BE-01-010.sbn kern88xx.12-0-1-11.sbn kern288xx.12-0-1-11.sbn m0patch288xx.BE-01-001.sbn rootfs88xx.12-0-1-11.sbn rootfs288xx.12-0-1-11.sbn sb288xx.BE-01-024.sbn sb2288xx.BE-01-010.sbn sip88xx.12-0-1-11.loads ssb288xx.BE-01-005.sbn vc488xx.12-0-1-11.sbn	
Cisco Unified IP Phone 8845		fbi8845_65.BEV-01-006.sbn kern8845_65.12-0-1-11.sbn rootfs8845_65.12-0-1-11.sbn sb28845_65.BEV-01-015.sbn sip8845_65.12-0-1-11.loads vc48845_65.12-0-1-11.sbn	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 8851	--	sip88xx.12-1-1-12.loads boot1288xx.BE-01-007.sbn fbi88xx.BE-01-010.sbn kern88xx.12-1-1-12.sbn kern288xx.12-1-1-12.sbn m0patch288xx.BE-01-001.sbn rootfs88xx.12-1-1-12.sbn rootfs288xx.12-1-1-12.sbn sb288xx.BE-01-024.sbn sb2288xx.BE-01-013.sbn ssb288xx.BE-01-007.sbn vc488xx.12-1-1-12.sbn ciscoheadsetfirmware.xml Cisco_Creek_Patch.ptc	Supports the Key Expansion Module (KEM) CP-8800-Audio.
Cisco Unified IP Phone 8851NR	--	sip88xx.12-1-1-12.loads boot1288xx.BE-01-007.sbn fbi88xx.BE-01-010.sbn kern88xx.12-1-1-12.sbn kern288xx.12-1-1-12.sbn m0patch288xx.BE-01-001.sbn rootfs88xx.12-1-1-12.sbn rootfs288xx.12-1-1-12.sbn sb288xx.BE-01-024.sbn sb2288xx.BE-01-013.sbn ssb288xx.BE-01-007.sbn vc488xx.12-1-1-12.sbn ciscoheadsetfirmware.xml Cisco_Creek_Patch.ptc	Supports the KEM CP-8800-Audio.
Cisco Unified IP Phone 8861	--	boot1288xx.BE-01-007.sbn fbi88xx.BE-01-010.sbn kern288xx.12-1-1-12.sbn kern88xx.12-1-1-12.sbn m0patch288xx.BE-01-001.sbn rootfs288xx.12-1-1-12.sbn rootfs88xx.12-1-1-12.sbn sb2288xx.BE-01-013.sbn sb288xx.BE-01-024.sbn sip88xx.12-1-1-12.loads ssb288xx.BE-01-007.sbn vc488xx.12-1-1-12.sbn ciscoheadsetfirmware.xml Cisco_Creek_Patch.ptc	Supports the KEM CP-8800-Audio.

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 8865		fbi8845_65.BEV-01-006.sbn kern8845_65.12-1-1-12.sbn rootfs8845_65.12-1-1-12.sbn sb28845_65.BEV-01-015.sbn sip8845_65.12-1-1-12.loads vc48845_65.12-1-1-12.sbn ciscoheadsetfirmware.xml Cisco_Creek_Patch.ptc	Supports the KEM CP-8800-Video.
Cisco Unified IP Phone 8941/8945	--	BOOT894x.0-0-0-9.bin.sgn SIP894x.9-2-2-0.bin1.sgn SIP894x.9-2-2-0.bin2.sgn SIP894x.9-2-2-0.bin3.sgn SIP894x.9-2-2-0.bin4.sgn SIP894x.9-2-2-0.bin5.sgn SIP894x.9-2-2-0.bin6.sgn SIP894x.9-2-2-0.bin7.sgn SIP894x.9-2-2-0.bin8.sgn SIP894x.9-2-2-0.bin9.sgn SIP894x.9-2-2-0.loads	
Cisco Unified IP Phone 8961	--	dkern8961.100609R2-9-2-2SR1-9.sebn kern8961.9-2-2SR1-9.sebn rootfs8961.9-2-2SR1-9.sebn sboot8961.031610R1-9-2-2SR1-9.sebn sip8961.9-2-2SR1-9.loads skern8961.022809R2-9-2-2SR1-9.sebn	
Cisco Unified IP Phone 9951	--	dkern9951.100609R2-9-2-2SR1-9.sebn kern9951.9-2-2SR1-9.sebn rootfs9951.9-2-2SR1-9.sebn sboot9951.031610R1-9-2-2SR1-9.sebn sip9951.9-2-2SR1-9.loads skern9951.022809R2-9-2-2SR1-9.sebn	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 9971	--	dkern9971.100609R2-9-2-2SR1-9.sebn kern9971.9-2-2SR1-9.sebn rootfs9971.9-2-2SR1-9.sebn sboot9971.031610R1-9-2-2SR1-9.sebn sip9971.9-2-2SR1-9.loads skern9971.022809R2-9-2-2SR1-9.sebn	
Cisco DX650	--	10.1(2.41)	
KEM Module**	--	SIP9971.9-2-3-27.loads SIP9951.9-2-3-27.loads SIP8961.9-2-3-27.loads For 8851/8851NR/8861/8865 support of KEM, refer the firmware information provided against the respective device type.	KEM for 88XX, 99xx phone types.
* The firmware information provided in the table specifies the minimum recommended version supported for the release. Later versions are also supported, unless otherwise specified. ** For more information on KEM Module Support on Unified CME, see KEM Support for Cisco Unified SIP IP Phones .			

Supported Platforms and Memory Specifications				
Cisco Platform	Maximum Total IP Phones ¹	Maximum Total Virtual Ports (dns)	Recommended DRAM	Recommended Flash Memory
Cisco ISR 1100	50	200	Default	Default
Cisco ESR 6300	50	200	4 GB	4 GB
Cisco ISR 4321	50	200	4 GB	4 GB
Cisco ISR 4331	100	400	4 GB	4 GB
Cisco 4321 Appliance Mode	200	300	4 GB	4 GB
Cisco ISR 4351	250	600	4 GB	4 GB

Cisco ISR 4431	350	900	4 GB	8 GB
Cisco ISR 4451	450	1200	4 GB	8 GB
Cisco ISR 4461	450	1200	4 GB	8 GB
Cisco CSR 1000V	475	1200	4 GB	8 GB
Cisco Catalyst 8000V	475	475	4 GB	8 GB
Cisco C8200L-1N-4T	100	400	4 GB	8 GB
Cisco C8200-1N-4T	250	600	8 GB	8 GB
Cisco C8300-1N1S-6T	500	1200	8 GB	16 GB
Cisco C8300-2N2S-6T	500	1200	8 GB	16 GB
Cisco C8300-1N1S-4T2X	750	2000	8 GB	16 GB
Cisco C8300-2N2S-4T2X	750	2000	8 GB	16 GB

These memory recommendations and maximum numbers of IP phones are for common Unified CME configurations only. Systems with large numbers of phones and complex configurations may not work on all platforms and can require additional memory or a higher performance platform.

1. Total number of connected IP phones cannot exceed Maximum Total listed including SCCP and SIP phones on the same router.
2. The last supported IOS XE release train for (Cisco ISR 4321, 4331, 4321 Appliance Mode, 4351, 4431, and 4451) platforms is IOS XE 17.12.x. See [EOL14896](#) for additional information.

Compatible Voice Products		
Product Name	Version	Comments
Cisco Unified Communications Manager	--	See the Cisco Unified Communications Manager compatibility information .

Cisco Unity Connection	--	See the Compatibility Matrix for Cisco Unity Connection .
Cisco Unity Express	--	See the Cisco Unity Express Compatibility matrix .
Cisco VG224, VG310, VG320, VG350	Cisco IOS Release 12.4(9)T or 12.4(11)T (for VG224) Cisco IOS XE Fuji 16.9.1 Release (for VG310, VG320, VG350)	Verified with SCCP analog ports.

Obtain Documentation and Submit a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

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