

Poly CCX 600 Business Media Phone with Open SIP and PoE-enabled



*Product image may differ from actual product

Dial up your productivity

Get to work fast with the 7-in color multi-touch LCD display. And with the simple and intuitive interface, Bluetooth® connectivity, integrated Wi-Fi, and Poly quality audio you're ready in a snap.

Command the conversation

Hear every nuance with pro-grade audio plus Poly HD voice and Poly Acoustic Clarity technologies. Reduce distracting background noise with Poly Acoustic Fence technology.

Always ready, always easy

With a simple, intuitive interface; ergonomic design; and large user touchscreen you get one-touch access to your contacts and meetings.

Featuring Control at your fingertips

Contacts and meetings are easily accessible, one tap away on a 7" color multi-touch LCD display.

Conversation clarity

Conversations stay on track. Hear every nuance with industry-leading sound quality featuring Poly HD Voice.

Distraction-free calls

Stay on track with Poly Acoustic Fence and NoiseBlockAI technologies that reduce distracting background noise at the source.

Add a Poly headset

Multiple Poly headset options are available to suit any worker's style – in addition to the traditional handset.

IT friendly

Easy for IT to manage with robust provisioning and management of telephony deployment and support.

Optimized for top platforms

An IT manager's dream, this desk phone was created for communication and is optimized and certified to work with top virtual meeting providers.



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Specifications

Compatible with

Compatible operating systems: Android 12

Display

Display size: 7"

Aspect ratio: 16:9

Native resolution: 1024 x 600

Panel type: Color LCD

Display features: On-screen virtual keyboard; Adjustable font size selection (regular, medium, large); Screensaver; Voicemail support; Normal and dark mode; Digital picture frame

Connectivity and communications

External I/O ports:

1 USB 2.0 Type-A (for media and storage applications)

1 USB 2.0 Type-C® (for media and storage applications)

2 RJ-45 (10/100/1000BASE-TX Mbps)

Wireless Technology:

Bluetooth® 4.2; Wi-Fi network connectivity: 2.4-2.4835 GHz (802.11b, 802.11g, 802.11n HT-20); 5.15-5.825 GHz (802.11a, 802.11n, HT-20, 802.11n HT-40)

User interface features

Languages: Arabic; Chinese; Czech; Danish; Dutch; English; French; German; Hungarian; Italian; Japanese; Korean; Norwegian; Polish; Portuguese; Romanian; Russian; Slovenian; Spanish; Swedish

Audio

Audio features:

Poly HD Voice

Poly Acoustic Clarity technology provides full duplex conversations, acoustic echo cancellation, and background noise suppression

Poly Acoustic Fence technology eliminates background noise when using a handset or wired headset

Poly NoiseBlockAI technology removes most background noise when using the speakerphone

TIA-920 wideband audio, type 1 compliant (IEEE 1329 full duplex)

Individual volume settings with visual feedback for each audio path

Voice activity detection

Comfort noise generation

DTMF tone generation (RFC 2833 and in-band)

Low delay audio packet transmission

Adaptive jitter buffers

Frequency response (microphone): 100 Hz to 20 kHz

Audio codecs: G.711 (A-law and μ -law); G.722; G.722.1; G.729AB; iLBC; OPUS

Other features

Special features: Adjustable base height; Unicode UTF-8 character support

Power supply

Power features: Built-in auto sensing IEEE 802.3at Power over Ethernet (Class 4) 25 W (maximum)^{2,3}

Certifications

Certified collaboration software: Microsoft Teams

Environmental

Certifications and compliances: Argentina ENACOM; AS/NZS 4268; AS/NZS 62368-1; Australia RCM; Brazil ANATEL; Canada ICES and NRTL; Canada RSS 247 Issue2; China RoHS 2.0; CISPR32 Class B; EEA CE Mark; EN 301 489-1 and EN 301 489-3 and EN 301 489-17; EN 55024; EN 55032 Class B; EN 62368-1; ETSI EN 300 328 and ETSI EN 301 893; Eurasian Customs Union EAC; FCC Part 15 Class B; FCC Part 15.247 and FCC Part 15.407; IC ICES-003 Class B; IEC 60950-1 and IEC 62368-1; India WPC; Indonesia SDPPI; Israel MOC; Japan Article 2.1 Item 19-2 and 19-3; Japan MIC and VCCI; Malaysia SIRIM; Mexico IFETEL and NYCE; New Zealand Telepermit; Saudi Arabia CITC; Singapore IMDA; South Africa ICASA; South Korea KC; Taiwan NCC; UAE TRA; USA FCC and NRTL; UL 62368-1; VCCI Class B

Operating humidity range: 5 to 95%

Operating temperature range: 32 to 104°F

Storage temperature range: -40 to 158 °F



Datasheet

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Specifications

Management

Poly Lens; Poly Zero Touch Provisioning; Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management; Web UI to device IP address

Security

Security management: 802.1X Authentication and EAPOL

Media encryption via SRTP

Digest authentication

HTTPS secure provisioning

Password login

Support for signed software executables

Support for URL syntax with password

Wi-Fi encryption: WEP, WPA-Personal, WPA2-Personal, WPA2-

Enterprise with 802.1X (EAP-TLS, PEAP-MSCHAPv2)

Headset and handset compatibility

Headset ports: 1 RJ-9

1 Electronic Hook Switch (EHS) port for optional adapter

Headset and handset compatibility: Bluetooth® headset compatibility

Compatible with commercially available TTY adapter equipment

Compliant with ADA Section 508 Subpart B 1194.23 (all)

Hearing aid compatibility to ITU-TP.370 and TIA 504A standards

Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids

USB Type-A headset support

USB Type-C® headset support

Telephony and call handling features

Busy Lamp Field (BLF); Call timer and call waiting; Caller ID enable/disable; Distinctive incoming call treatment/call waiting; Do not disturb function; One-touch speed dial, redial; Shared call/bridged line appearance; Automatic off-hook call placement (hot dialing); Call media recording/playback; Automatic/remote answer on headset using electronic hook-switch; Call hold/resume, diversion (forward), transfer (consultation, blind), pickup; Calling, called, connected party identification; Call forward for shared lines; Private hold for shared lines; Call logs (missed, received, placed); Local contact directory; Create local contact from call log; Corporate directory; Call server redundancy (failover); SBC line registration; Conference bridging; Local call forwarding (all, busy, no answer) with destination shown on idle display; Automatic call distribution (ACD); Automatic answer (intercom); Call park/retrieve; Directed call pickup; Group call pickup; Hunt group - sequential calling; Last call return; Auto-answer a page with a muted microphone; PTT and Multicast group; Exchange Calendar Integration; Flexible line keys; Key system emulation; STIR/SHAKEN Caller ID validation; Voice Quality Monitoring (VQMon)¹

Network

Supported network protocols: FTP/TFTP/HTTP/HTTPS server-based central provisioning

Hardware diagnostics

Manual or dynamic host configuration protocol (DHCP) network setup

Network address translation support for static configuration and Keep-Alive

QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP

Status and statistics reporting

Syslog Event Logging

Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment

Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation

Time and date synchronization using SNTP

SIP signaling

RTCP and RTP support

IPv4

IPv6

Provisioning and call server redundancy support

DNS-SRV

VoIP features: 24 lines (SIP registrations)

IETF SIP (RFC 3261 and companion RFCs)

Weight and dimensions

Product Primary Color: Black

Package weight: 0.66 lb

Package dimensions: 7.48 x 8.26 x 2.16 in

Master carton quantity: 5

Master carton dimension: 9.64 x 17.32 x 11.61 in

Master carton weight: 24.07 lb

Cartons per layer: 9

Pallet (layers): 6

Cartons per pallet: 54

Products per layer: 45

Products per pallet: 270

Pallet weight: 787.05 lb

Pallet dimensions: 40 x 48 x 58.66 in

Product number: 82Z85AA

Product name: Poly CCX 600 Business Media Phone with Open SIP and PoE-enabled

Warranty

Poly standard one-year limited warranty

Country of origin

Made in China, Taiwan or Vietnam

What is in the box

Console

Desk stand

Handset with handset cord

Network (LAN) cable-CAT-5E

Setup sheet



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Footnotes

Messaging Footnotes

¹ Poly headsets sold separately.

² Visit <https://www.poly.com/us/en/products/phones/ccx/ccx-600> for more detail.

Technical Specifications Footnotes

¹ Most software-enabled features must be supported by the service provider platform. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features.

² External universal AC/DC adapter, 48 VDC, 0.52 A, 25 W (sold separately).

³ Ordering an optional power supply unit will be necessary if not Powered over Ethernet with PoE (i. e. using Wi-Fi for network).

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