

Poly CCX 600 Business Media Phone with Open SIP with Power Supply

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.



*Product image may differ from actual product

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.

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.¹

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Specifications



Display

- Aspect ratio: 16:9
- Native resolution: 1024 x 600
- Panel technology: Color LCD
- Display size (diagonal): 7"
- Display size (diagonal, metric): 17.8 cm (7")
- Touch-enabled: Gesture-based, multi-touch capable touchscreen

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 technologies:
 - 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)³

Battery

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

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.7221
 - G.729AB
 - iLBC
 - OPUS

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 SDPP; Israel MOC; Japan Article 21 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 (Celsius) / Operating Temperature Range (Fahrenheit): 0 to 40°C / 32 to 104°F
- Storage temperature range (Celsius) / Storage temperature range (Fahrenheit): -40 to 70°C / -40 to 158 °F

Certifications

- Certified collaboration software: Zoom
- Special features:
 - Adjustable base height
 - Unicode UTF-8 character support

Applications supported

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

Display features

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

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)

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)

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Specifications



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-T P.370 and TIA 504-A 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

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

Weight and dimensions

- Product Primary Color: Black
- Package dimensions (Imperial): 10.4 x 8.5 x 2.4 in
- Package dimensions (metric): 26.3 x 21.7 x 6 cm
- Package weight (Imperial): 4.34 lb
- Package Weight (metric): 1970 g
- UPC number: 197497515664
- Product number: 84C17AA

Country of origin

Country of origin: Made in China

Warranty

Poly standard one-year limited warranty

What is in the box

- Console
- Desk stand
- Handset with handset cord
- Network (LAN) cable-CAT-5E
- Setup sheet

Key Selling Points 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).