

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

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

Datasheet

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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 NoiseBlock AI 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 SDPPP; Israel MOC; Japan Article 21 Item 19-2 and 19-3; Japan MIC and VCCI; Malaysia SIRIM; Mexico IFTEL 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
 Polycom 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 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

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
- Product number: 82Z85AA

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).