

# 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.<sup>1</sup>

Datasheet

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

## Specifications



### Display

**Aspect ratio:** 16:9  
**Native resolution:** 1024 x 600  
**Panel technology:** Color LCD  
**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)<sup>3</sup>

### Battery

**Power features:**  
 Built-in auto sensing IEEE 802.3at Power over Ethernet (Class 4)  
 25 W (maximum)<sup>2,3</sup>

### 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

### 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 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 /  
**Storage temperature range (Celsius) / Storage temperature range (Fahrenheit):** -40 to 70°C /

### 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)

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

## 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)<sup>1</sup>

### Weight and dimensions

- Product Primary Color: Black
- Package dimensions (metric): 26.3 x 21.7 x 6 cm
- Package Weight (metric): 1970 g
- Product number: 82285AA

### 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

<sup>1</sup> Poly headsets sold separately. <sup>2</sup> Visit <https://www.poly.com/us/en/products/phones/ccx/ccx-600> for more detail.

### Technical Specifications Footnotes

<sup>1</sup> 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. <sup>2</sup> External universal AC/DC adapter, 48 VDC, 0.52 A, 25 W (sold separately). <sup>3</sup> Ordering an optional power supply unit will be necessary if not Powered over Ethernet with PoE (i.e. using Wi-Fi for network).