

# Poly CCX 700 Business Media Phone with Open SIP and PoE-enabled

## The connection is real

The Poly CCX 700 showcases a pinpoint-sharp integrated video camera and large 7" screen. Count on quality audio from Poly to keep conversations on track. Included Wi-Fi makes it easy to install in your preferred location.



\*Product image may differ from actual product

### Look and sound professional

Hear every nuance with Poly HD voice and Acoustic Clarity technologies. Enhance your image with autofocus and autoexposure. Reduce background noise with Poly Acoustic Fence and NoiseBlockAI technologies.

### No downtime or learning curve

The CCX 700 desk phone supercharges user collaboration and productivity with a gorgeous ergonomic design; a large, intuitive user touchscreen interface; and a dedicated Applications button.

### Video camera with privacy

Video calling with the integrated 4-megapixel camera with autofocus and autoexposure presents you looking your best – with a privacy shutter for when you need it.

### Color touchscreen display

Simple touch-access to contacts, meetings, and voicemails – with a large 7" color LCD display.

### Hands-free speakerphone

Full-duplex speakerphone operation with quality echo cancellation and Poly NoiseBlockAI technology.

### Integrated Wi-Fi

Easy to install in your preferred location with integrated Wi-Fi.<sup>1</sup>

Datasheet

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## Specifications



### Camera

**Camera resolution:** 1080p, FHD (1920 x 1080), 30 fps  
**Focus type:** Autofocus  
**Zoom capability:** 4x  
**Video standards:** H.264 AVC; H.264 High Profile; RGB and YUV raw video

### 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  $\mu$ -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 CTC; 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  
 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 IEEE 802.3-2005 (Clause 40) for physical media attachment  
 Conforms to IEEE 802.3-2002 (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:

- 1RJ-9
- 1Electronic 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): 32 x 30.9 x 7.6 cm
- Package Weight (metric): 2005 g
- Product number: 82Z83AA

### 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> A power supply unit (sold separately or available with select models) must power the phone if using Wi-Fi. <sup>2</sup> Poly headsets sold separately.

### 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).