

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.¹

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): 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.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 Issue 2; 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 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:

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): 12.6 x 12.2 x 3 in

Package dimensions (metric): 32 x 30.9 x 7.6 cm

Package weight (Imperial): 4.45 lb

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

¹ A power supply unit (sold separately or available with select models) must power the phone if using Wi-Fi. ² Poly headsets sold separately.

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).