

# Poly CCX 600 Business Media Phone for Microsoft Teams 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

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

**Certifications**  
**Certified collaboration software:** Microsoft Teams  
**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)<sup>1</sup>

### Weight and dimensions

- Product Primary Color:** Black
- Package dimensions (metric):** 26.3 x 217 x 6 cm
- Package Weight (metric):** 1970 g
- Product number:** 82Z84AA

### 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.

### 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).