

# Poly Edge E300 IP Phone and PoE-enabled

## A phone with high standards

Easy to use and packed with features, the Poly Edge E300 Series pairs Poly noise reduction technology with cutting-edge design. Whether you're hot-desking at work or calling from your home office, these phones bring style to any desktop.



\*Product image may differ from actual product

<p><b>The new office standard</b></p> <p>This versatile phone is outfitted with a bright 3.5-inch color IPS LCD display and shows your lines, features, contacts, and speed dials. What's more, the Poly Edge E300 Series is designed to handle up to 32 lines to be more productive.</p>	<p><b>Integrated protection</b></p> <p>Rest assured that your devices, enhanced with Microban® antimicrobial product protection, stay cleaner, fresher, and more durable for longer. Protection that lasts the life of the product, actively reducing the growth of bacteria 24/7<sup>1</sup>.</p>	<p><b>Enterprise-quality sound</b></p> <p>The Poly E300 Series offer quality audio with Poly HD voice. They reduce noise and distractions with Poly NoiseBlockAI and Acoustic Fence technologies.</p>
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**All the features you could ask for**  
Get fast access to features via the 3.5" color display with a surround light status indicator and soft keys under the display. 8-line keys support up to 32 lines and contacts. A new pagination key brings additional lines/contacts into view.

**Versatile connectivity**  
Enjoy better connectivity with two high-speed GigE PoE Ethernet ports for the LAN connection to your IP phone with a passthrough connection to your PC. And a Poly headset for your workstyle: USB, RJ9, or Electronic Hook Switch.<sup>2</sup>

**Accessibility is key**  
Enhance the user experience with phones that sound great and are more efficient. Features like improved accessibility with text-to-speech, screen color adjustments for color blindness, and bigger font settings provide more ways to connect.

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## Specifications



### Display

**Aspect ratio:** 9:16  
**Native resolution:** 320 x 240  
**Panel technology:** Color IPS LCD  
**Display size (diagonal, metric):** 8.9 cm (3.5")

### Connectivity and communications

**External I/O ports:**  
1 USB 2.0 Type-C® (for media and storage applications)  
2 RJ-45 (10/100/1000BASE-TX Mbps)  
**Wireless technologies:**  
NFC<sup>3</sup>

### Battery

**Power features:**  
13 W (maximum)  
Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 3)<sup>2</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 headset or wired headset  
Poly NoiseBlockAI technology removes most background noise when using the speakerphone  
Poly Computer Audio Connector app installed on your PC (Windows only) enables selecting your phone for PC audio in/out to use the phone's handset, optional headset and handsfree speakerphone with PC applications  
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):** 150 Hz to 14 kHz  
**Audio codecs:**  
G.711 (A-law and  $\mu$ -law)  
G.722  
G.729AB  
iLBC  
OPUS  
G.7221

### Environmental

**Certifications and compliances:** AS/NZS 60950.1; AS/NZS 62368.1; Australia RCM; CAN/CSA C22.2 No. 62368-114; CE Mark; CISPR22 Class B; EN55024; EN55032 Class B; EN 60950-1 & EN 62368-1; EN61000-3-2, EN61000-3-3; FCC Part 15 (CFR 47) Class B; IEC 60950-1 & IEC 62368-1; NZ Telepermit; So. Africa ICASA; Saudi Arabia CITC; So. Korea KC; UAE TRA; UL 62368-1; VCCI Class B; Eurasian Customs Union EAC; Indonesia SDPPi; Mexico NOM ANCE; TAA; UK - UKCA  
**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 /  
**Energy star certified:** ENERGY STAR® certified

### Certifications

**Special features:**  
Unicode UTF-8 character support  
Adjustable desk stand (2 positions)  
Wall mountable

### Applications supported

**Management software:**  
Poly Zero Touch Provisioning  
Poly Lens  
Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management  
SDP

### Display features

Lightbar status indicator (RGB with color mixing)

### Security

**Security management:**  
8021X Authentication and EAPOL Media encryption via SRTP  
Digest authentication  
Encrypted configuration files  
HTTPS secure provisioning  
Password login  
Support for signed software executables  
Support for URL syntax with password  
Transport Layer Security (TLS)  
SRTP media encryption using AES 256 bits

### Network

**Supported network protocols:**  
DHCP VLAN discovery  
LLDP-MED for VLAN discovery  
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  
RTCP and RTP support  
IPv4  
IPv6  
Provisioning and call server redundancy support  
DNS-SRV  
UDP  
SIP protocol support  
IETF SIP (RFC 3261 and companion RFCs)  
**VoIP features:**  
8 line keys supporting up to 32 SIP lines with pagination

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## Specifications



### Headset and handset compatibility

- Headset ports:**
- 1 RJ-9
  - 1 Electronic Hook Switch (EHS) port for optional APP-51 adapter
- Headset and handset 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 504-A standards
  - Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
  - USB Type-C® headset support

### Telephony and call handling features

- Telephony and call handling features:**
- 4 context-sensitive soft keys
  - 4 way navigation key cluster with center Select key
  - Bundled with Polycom UC Software: Corporate Directory Access using LDAP
  - Busy Lamp Field (BLF)
  - Call timer and call waiting
  - Call transfer, hold, divert (forward), park, pickup
  - Called, calling, connected party information
  - Calling Party Identification (RFC8225 classifications – Trusted, Unknown, SPAM)
  - Distinctive incoming call treatment/call waiting
  - Do not disturb function
  - Electronic hook switch capable
  - Enhanced Feature Keys make powerful feature shortcuts online key appearances or soft keys
  - Headset select key (illuminated when selected)
  - Hold and transfer keys
  - Home and back feature keys
  - Local three-way audio conferencing
  - Local configurable digit map/dial plan
  - Mute key (illuminated when muted)
  - One-touch speed dial, redial

- Pagination key for additional lines/contacts
- Remote missed call notification
- Reverse number lookup via LDAP
- Shared call/bridged line appearance
- Speakerphone select key (illuminated when selected)
- Supports Polycom Apps SDK and API for third-party business and personal application
- Visual Conference Management
- Voicemail key
- Volume +/- control keys
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- 8 programmable line keys supporting up to 32 line key assignments for lines, contacts, and features with pagination<sup>1</sup>

### Weight and dimensions

- Product Primary Color:** Black
- Package dimensions (metric):** 22.3 x 27.8 x 8.9 cm
- Package Weight (metric):** 960 g
- Product number:** 82M92AA

### Country of origin

**Country of origin:** Made in China

### Warranty

Poly standard one-year limited warranty

### What is in the box

- Setup sheet
- Network (LAN) cable-CAT-5E
- Desk stand
- Console with Microban® Antimicrobial protection
- Handset with Microban® Antimicrobial protection
- Handset cord

### Key Selling Points Footnotes

<sup>1</sup> Microban antimicrobial product protection available for the Poly Edge E Series phones protects the entire phone except for the handset cord. Microban antimicrobial product protection is a built-in active ingredient that enables products to resist the growth of microbes such as bacteria, mold, and mildew. Microban protection helps products stay cleaner, fresher, and last longer than products with untreated surfaces. <sup>2</sup> Poly headsets sold separately. Poly Electronic Hook Switch (EHS) 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, 5 VDC, 3 A, 15 W (sold separately). Power supply unit (PSU) sold separately. <sup>3</sup> NFC-enabled Edge E series phones allow third-party applications to read serial number and other device information that can be useful in application development such as guest login for phone hoteling.