

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>The new office standard</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>Integrated protection</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 24/7¹.</p>	<p>Enterprise-quality sound</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.²

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:
NFC³

Battery

Power features:
13 W (maximum)
Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 3)²

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
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 µ-law)
G.722
G.729AB
iLBC
OPUS
G.722.1

Environmental

Certifications and compliances: AS/NZS 60950.1; AS/NZS 62368.1; Australia RCM; CAN/CSA C22.2 No. 62368-14; 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 SDPP; 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:
1RJ-9
1Electronic 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 pagination¹

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

¹ 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. ² Poly headsets sold separately. Poly Electronic Hook Switch (EHS) 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, 5 VDC, 3 A, 15 W (sold separately). Power supply unit (PSU) sold separately. ³ 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.