

Poly Edge E100 IP Phone and PoE-enabled

Discontinued

82M86AA

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## Specifications

### All Specs

Aspect ratio	4:3
Audio	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 phones 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
Audio codecs	G.711 (A-law and $\mu$ -law); G.722; G.729AB; iLBC; OPUS; G.722.1
Cartons per layer	10
Cartons per pallet	70
Certifications and compliances	AS/NZS 60950.1; AS/NZS 62368.1; Australia RCM; Brazil ANATEL; CAN/CSA C22.2 No. 62368-1-14; CE Mark; CISPR22 Class B; EN 60950-1 & EN 62368-1; EN55024; EN55032 Class B; EN61000-3-2, EN61000-3-3; FCC Part 15 (CFR 47) Class B; ICES-003 Class B; IEC 60950-1 & IEC 62368-1; ROHS compliant; So. Korea KC; So. Africa ICASA; Saudi Arabia CITC; UAE TRA; UL 62368-1; Eurasian Customs Union EAC; Indonesia SDPPI; Mexico NOM ANCE; UK - UKCA
Color	White; Midnight blue
Country of origin	Made in China
Display features	Lightbar status indicator (RGB with color mixing)
Display size (diagonal)	7.1 cm (2.8")
ECCN	5A992
End of Life CO2e (kg)	0.5
Energy star certified	ENERGY STAR® certified
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-TP.370 and TIA 504A standards; Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids; USB Type-C® headset support
Headset ports	1 RJ-9; 1 Electronic Hook Switch (EHS) port for optional APP-51 adapter
HTS code	8517180020
Layers per pallet	7
Management Software	Poly Zero Touch Provisioning; Poly Lens; Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management; SDP
Manufacturer product number	2200-86980-025

Manufacturer Warranty	Poly standard one-year limited warranty
Material Type for item	FERT
Multiple order quantity	5
Native resolution	320 x 240
Network protocols, supported	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)
Operating humidity range	5 to 95%
Operating temperature range	0 to 40°C
Package dimensions (W x D x H)	1
Package weight	300 g
Pallet dimensions (W x D x H)	101.6 x 121.9 x 149 cm
Pallet weight	357 kg
Panel technology	Color IPS LCD
Ports	1 USB 2.0 Type-C® (for media and storage applications); 2 RJ-45 (10/100/1000BASE-TX Mbps)
Power	13 W (maximum); Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 3)
Production CO2e (kg)	29
Products per pallet	350
Products per pallet layer	50
Registration required	No
Security management	802.1X 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
Special features	Unicode UTF-8 character support; Adjustable desk stand (2 positions); Wall mountable
Storage temperature range	-40 to 70°C

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); 2 programmable line keys supporting up to 8 line key assignments for lines, contacts, and features with pagination
Total CO2e (kg)	40
Transportation CO2e (kg)	0.5
UNSPSC code	43191511
VoIP features	2 line keys supporting up to 8 SIP lines with pagination
What's in the box	Setup sheet; Console; Network (LAN) cable-CAT-5E; Desk stand; Handset cord; Wall mount hardware; Handset
Wireless technologies	NFC

Logistics

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HTS code	8517180020
What's in the box	Setup sheet; Console; Network (LAN) cable-CAT-5E; Desk stand; Handset cord; Wall mount hardware; Handset
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Cartons per pallet	70
Multiple order quantity	5
Layers per pallet	7
Products per pallet	350
Products per pallet layer	50
Manufacturer product number	2200-86980-025
Material Type for item	FERT

UNSPSC code 43191511

Package weight 300 g

Pallet weight 357 kg

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## Specifications

[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).

[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.

## Legal disclaimer