

Poly Edge E550 IP Phone and PoE-enabled

Discontinued

82M91AA

NI

Specifications

All Specs

Aspect ratio

5:3

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; Bass frequency enhancing design; 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

Audio codecs

G.711 (A-law and μ-law); G.722; G.729AB; iLBC; OPUS; G.722.1

Cartons per layer

8

Cartons per pallet

40

Certifications and compliances

AS/NZS 4268; Australia RCM; Brazil ANATEL; CISPR22 Class B; EEA; EN55024; EN55032 Class B; EN 301 489-1; EN 301 489-3; EN 301 489-17; ETSI EN 300 328 v1.9.1; ETSI EN 301 893 v1.7.1; FCC Part 15 (CFR 47) Class B; FCC Part 15.247; FCC Part 15.407; ICES-003 Class B; Israel MOC; Japan MIC/VCCI; Japan Item (19)-3; Japan Item (19)-3-2; Malaysia SIRIM; NZ Telepermit; Saudi Arabia CITC; Singapore IMDA; So. Africa ICASA; So. Korea KC; UAE TRA; Argentina ENACOM; Canada ICES; Canada-RSS 247 Issue2; China SRRC; China RoHS 2.0; Eurasian Customs Union EAC; India WPC; Indonesia SDPPI; Mexico IFETEL and NYCE; Taiwan NCC; UK - UKCA; USA FCC

Color

White; Midnight blue

Country of origin

Made in China

Display features

Lightbar status indicator (RGB with color mixing)

Display size (diagonal)

12.7 cm (5")

ECCN

5A992

Energy star certified

ENERGY STAR® certified

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-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

5

Management Software

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

Manufacturer product number

2200-87050-025

Manufacturer Warranty	Poly standard one-year limited warranty
Material Type for item	FERT
Multiple order quantity	5
Native resolution	800 x 480
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, storage applications, headset, expansion module); 2 RJ-45 (10/100/1000BASE-TX Mbps)
Power	13 W (maximum); Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 4)
Products per pallet	200
Products per pallet layer	40
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); Wi-Fi encryption: WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X (EAP-TLS, PEAP-MSCHAPv2); SRTP media encryption using AES 256 bits
Special features	Unicode UTF-8 character support; Adjustable desk stand (2 positions)
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); 12 line keys supporting up to 48 line key assignments for lines, contacts, and features with pagination

UNSPSC code	43191511
VoIP features	12 line keys supporting up to 34 SIP lines with pagination
What's in the box	Setup sheet; Console; Network (LAN) cable-CAT-5E; Desk stand; Handset cord; Handset
Wireless technologies	Bluetooth® 5.0; 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); NFC

Logistics

ECCN	5A992
HTS code	8517180020
What's in the box	Setup sheet; Console; Network (LAN) cable-CAT-5E; Desk stand; Handset cord; Handset
Package dimensions (W x D x H)	1
Pallet dimensions (W x D x H)	101.6 x 121.9 x 149 cm
Country of origin	Made in China
Cartons per layer	8
Cartons per pallet	40
Multiple order quantity	5
Layers per pallet	5
Products per pallet	200
Products per pallet layer	40
Manufacturer product number	2200-87050-025
Material Type for item	FERT
UNSPSC code	43191511
Package weight	300 g
Pallet weight	357 kg

Sustainability

Certifications and compliances	AS/NZS 4268; Australia RCM; Brazil ANATEL; CISPR22 Class B; EEA; EN55024; EN55032 Class B; EN 301 489-1; EN 301 489-3; EN 301 489-17; ETSI EN 300 328 v1.9.1; ETSI EN 301 893 v1.7.1; FCC Part 15 (CFR 47) Class B; FCC Part 15.247; FCC Part 15.407; ICES-003 Class B; Israel MOC; Japan MIC/VCCI; Japan Item (19)-3; Japan Item (19)-3-2; Malaysia SIRIM; NZ Telepermit; Saudi Arabia CITC; Singapore IMDA; So. Africa ICASA; So. Korea KC; UAE TRA; Argentina ENACOM; Canada ICES; Canada-RSS 247 Issue2; China SRRC; China RoHS 2.0; Eurasian Customs Union EAC; India WPC; Indonesia SDPPI; Mexico IFETEL and NYCE; Taiwan NCC; UK - UKCA; USA FCC
Country of origin	Made in China
Energy star certified	ENERGY STAR® certified

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). 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.
- [4] Ordering an optional power supply unit will be necessary if not powered over ethernet with PoE (i.e. using Wi-Fi for network).
- [5] Optional wall mount kit can be ordered separately.

Legal disclaimer