ProductSheet

Poly Edge E550 IP Phone and PoE-enabled GSA/TAA (8F3H0AA)

Designed for the new way you work

This desk phone makes work easy. Built for hot-desking or the home office, these phones offer the perfect user experience. Two displays and 12-line keys give you more ways to connect, plus quality audio, in a seriously sharp package.



Built to grow
This workhorse phone is outfitted with a big 5-inch color display and is designed to handle up to 48 lines. What's more, the Poly Edge E500 Series can take on two additional expansion modules, supporting up to 66 more contacts each.

Enterprise-quality sound
The Poly E400 Series offer quality audio with Poly HD voice and bass frequency enhancing speaker design. They reduce noise and distractions with Poly NoiseBlockAI and Acoustic Fence technologies.

Featuring

All the features you could ask for
Get fast access to features via a large 5" color display. Stay informed with the surround light status indicator with RGB mixing. And handle multiple calls with ease using 12-line keys supporting up to 48 lines, features, and contacts.

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: Bluetooth®, USB, RJ9, or Electronic Hook Switch. [2]

Perfectly paired
Integrated Bluetooth® 5.0 gives you freedom to move about the office with your Poly Bluetooth® headset and answer your mobile phone calls from your desk phone. Fast pairing on selected Poly headsets makes connecting your headset easy. [2]

Works wherever you do
The Poly Edge E550 is Wi-Fi-ready for hassle-free performance at home or office. Work anywhere with 802.11AC Wi-Fi included. With simple out-of-the-box Wi-Fi configuration, this phone gives you peak performance anywhere you've got a signal.

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.

Specifications

Panel Technology	Color IPS LCD
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 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
Package Dimensions (metric)	190 x 210 x 55 mm
Package Dimensions (imperial)	7.48 x 8.26 x 2.16 in
Package Weight (metric)	300 g
Package Weight (imperial)	0.66 lb
External I/O Ports	1 USB 2.0 Type-C® (for media, storage applications, headset, expansion module); 2 RJ-45 (10/100/1000BASE-TX Mbps)
Energy Star Certified	ENERGY STAR® certified
Special Features	Unicode UTF-8 character support; Adjustable desk stand (2 positions)[5]
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
Manufacturer Warranty	Poly standard one-year limited warranty
What Is In The Box	Setup sheet; Console; Network (LAN) cable-CAT-5E; Desk stand; Handset cord; Handset

Top Recommended Displays, Accessories and Services

Poly Support Services	
3 Year Poly+ Edge E550 IP Phone Service	P87050312

Messaging Footnotes

[2] Poly headsets sold separately. Poly Electronic Hook Switch (EHS) sold separately.

Technical Specifications Footnotes

[5] Optional wall mount kit can be ordered separately.

© Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.