ProductSheet

Poly Edge E450 IP Phone and PoE-enabled with Power Supply (89B55AA)

Designed for the new way you work

This desk phone makes hybrid work easy. Built for hot-desking or the home office, these phones offer the perfect user experience. Two displays and 14-line keys give you more ways to connect, plus quality audio, in a seriously sharp package.



The new office standard
The perfect desk phone for the modern office, the Poly Edge E400 Series is packed with features and contacts. These phones pair Poly noise reduction technology with cutting-edge design that brings style to any desktop.

Integrated protection
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 [1].

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 need
Get fast access to features via the main 3.5" color display with a surround light status indicator with 8-line keys supporting 32 lines. Speed dialing is a breeze with a second integrated 2.4" display with 6-line keys.

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

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

Works wherever you do
The Poly Edge E450 is Wi-Fi-ready[3] 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

Specifications

Display size (diagonal)	8.9 cm (3.5") (primary); 6.1 cm (2.4") (secondary)
Display size (diagonal)	3.5" (primary); 2.4" (secondary)
Panel technology	Color IPS LCD
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
Ports	1 USB 2.0 Type-C® (for media, storage applications, headset, expansion module); 2 RJ-45 (10/100/1000BASE-TX Mbps)
Package dimensions (W x D x H)	25.8 x 30.6 x 8.9 cm
Package weight	300 g
Energy star certified	ENERGY STAR® certified
Special features	Unicode UTF-8 character support; Adjustable desk stand (2 positions); Second display with 6 keys supporting up to 12 contacts[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
UPC number	196188444498
Manufacturer Warranty	Poly standard one-year limited warranty
What's in the box	Setup sheet; Network (LAN) cable-CAT-5E; Desk stand; Console with Microban® Antimicrobial protection; Handset with Microban® Antimicrobial protection; Handset cord

Top Recommended Displays, Accessories and Services

Poly Support Services

3 Year Poly+ Edge E450 IP Phone Service	P87030312

Messaging 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.

Technical Specifications Footnotes

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

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