



# Poly OBi VVX 250 4-Line IP Phone and PoE-enabled (89B58AA)



## Overview

### For today's office

Quality sound is standard on the Poly VVX 250 IP desk phone. You'll appreciate all the smart features on non-stop call days, but equally love the color display. It's a win-win for today's office environments.

### Conversations stay on track

Hear every nuance on the Poly VVX 250 IP desk phone with quality audio featuring Poly HD Voice. And reduce distracting background noise at the source with Poly Acoustic Fence technology.

### Integrated protection [1]

Your phones stay cleaner for longer with integrated Microban® antimicrobial product protection [1] actively reducing the growth of bacteria 24/7.

# Features

## Lines

Stay productive with 4-line keys supporting up to 34-line key appearances with pagination for autodials and contacts.

## LCD color display

A 2.8-inch backlight color display offers an engaging experience with all the information you need at a glance.

## Keys

4-way navigation cluster with a center select key and a 12-key dial pad with controls for mute, speaker, and headset volume.

## Add a Poly headset

Multiple Poly headset options are available to suit your style — in addition to the traditional handset.<sup>[2]</sup>

## Ethernet ports

2 high-speed 10/100/1000 Ethernet ports with an integrated switch allow LAN connection for your phone with a pass-through connection to your PC. PoE reduces cable clutter on your desktop, eliminating the need for a separate power adapter.

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*[1] 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.*

## Additional specifications

<b>Audio</b>	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 headset or wired headset; 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 headset, optional headset and handsfree speakerphone with PC applications; 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
<b>Audio codecs</b>	G.711 (A-law and $\mu$ -law); G.722; G.729AB; iLBC; OPUS
<b>Cartons per layer</b>	8
<b>Cartons per pallet</b>	56
<b>Certifications and compliances</b>	Australia RCM; Brazil ANATEL; CAN/CSA C22.2 No. 62368-1-14EN 60950-1; 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; NZ Telepermit; ROHS compliant; So. Korea KC; So. Africa ICASA; Saudi Arabia CITC; UAE TRA; UL 60950-1 and UL 62368-1; VCCI Class B; Indonesia SDPPI; ISPR32 Class B; Korea KCC; LLDP-MED for VLAN discovery; Mexico NOM ANCE; RTP support; Russia CU
<b>Color</b>	Black
<b>Country of origin</b>	Made in China or Mexico
<b>Datasheet photo 1</b>	<a href="https://ssl-product-images.www8-hp.com/digmedialib/proding/lowres/c08633266.png">https://ssl-product-images.www8-hp.com/digmedialib/proding/lowres/c08633266.png</a>
<b>Display features</b>	Digital picture frame
<b>Display size (diagonal)</b>	7.1 cm (2.8")
<b>Display size (diagonal)</b>	2.8"
<b>ECCN</b>	5A992
<b>Energy star certified</b>	ENERGY STAR® certified
<b>HTS code</b>	8517180020
<b>Headset and handset compatibility</b>	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
<b>Headset ports</b>	1 RJ-9; 1 Electronic Hook Switch (EHS) port for optional adapter
<b>Management Software</b>	Poly Lens; Poly Zero Touch Provisioning; Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management; SDP
<b>Manufacturer Warranty</b>	Poly standard one-year limited warranty
<b>Multiple order quantity</b>	10
<b>Native resolution</b>	320 x 240

<b>Network protocols, supported</b>	10/100/1000 Base-TX across LAN and PC ports; Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment; Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation; Manual or dynamic host configuration protocol (DHCP) network setup
<b>Operating humidity range</b>	5 to 95%
<b>Operating temperature range</b>	0 to 40°C
<b>Operating temperature range</b>	32 to 104°F
<b>Package dimensions (W x D x H)</b>	23.5 x 23.3 x 5.6 cm
<b>Package dimensions (W x D x H)</b>	7.48 x 8.26 x 2.16 in
<b>Package weight</b>	300 g
<b>Package weight</b>	0.66 lb
<b>Pallet (layers)</b>	7
<b>Pallet dimensions</b>	40 x 48 x 58.66 in
<b>Pallet dimensions (W x D x H)</b>	101.6 x 121.9 x 149 cm
<b>Pallet weight</b>	357 kg
<b>Pallet weight</b>	787.05 lb
<b>Panel technology</b>	Color LCD
<b>Ports</b>	1 USB 2.0 Type-A (for media, storage applications, headset, optional Wi-Fi adapter); 2 RJ-45 (10/100/1000BASE-TX Mbps)
<b>Power</b>	Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 2); 4.5 W (maximum) <sup>[3]</sup>
<b>Products per pallet</b>	560
<b>Products per pallet layer</b>	80
<b>Security management</b>	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
<b>Special features</b>	Adjustable desk stand (2 positions); Unicode UTF-8 character support <sup>[2]</sup>
<b>Storage temperature range</b>	-40 to 70°C
<b>Storage temperature range</b>	-40 to 158 °F
<b>Telephony and call handling features</b>	Anonymous call indication; Block anonymous call; Busy Lamp Field (BLF); Call forward on busy, on no answer, unconditional; Call return; Distinctive incoming call treatment/call waiting; Do not disturb function; Repeat dialing; Shared call/bridged line appearance; Corporate directory; Call park/retrieve; Directed call pickup; Flexible line appearance (one or more line keys can be assigned for each line extension); Up to 6 SIP registrations per phone; Integrated IVR and Auto attendant; Up to 3-way locally mixed conference call; Call waiting; Maximum sessions control; External conference bridging; Visual voicemail support; XML Application Framework for third-party business and personal applications <sup>[1]</sup>
<b>UNSPSC code</b>	43191511

**VoIP features**

Up to 16 SIP line registrations with pagination key; IETF SIP (RFC 3261 and companion RFCs)

**What's in the box**

Console; Desk stand/wall mount hardware; Handset with handset cord; Network (LAN) cable-CAT-5E; Setup sheet

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

*[3] External universal AC/DC adapter, 5 VDC, 3 A, 15 W (sold separately).*

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## Services

### Poly Services

★ : Recommended

#### Poly Support Services

3 Year Poly+ VVX 250 Open SIP IP phone	P48822312 ★
1 Year Partner Poly+ Obi VVX250 OpenSIP IP Phone Service	P48822160
1 Year Poly Elite OBi Edition VVX 250	E48822112
1 Year Poly+ VVX 250 Open SIP IP phone	P48822112
3 Year Partner Poly+ Obi VVX250 OpenSIP IP Phone Service	P48822362
5 yr HW Replacement Extended Coverage for VVX 250 Obi NBD advance part replacement Poly DaaS Svc	D48822C0V
5 yr HW Replacement for VVX 250 Obi next business day advance part replacement Poly DaaS	D48822DS5

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