HP 4110 IP Phone Series

Key features

- Optimized for seamless operation with Microsoft® Lync unified communications
- Standalone operation in a Lync environment
- Well suited for "hot-desking" applications
- Easy phone installation with PoE connectivity
- Simplified wall-mount capability

Product overview

The HP 4110 IP Phone Series are a Microsoft® Lync optimized common area telephone. HP 4110 IP Phones are standalone, cost-effective, and mainstream phones that are ideal for deployments in common areas such as lobbies.

The HP 4110 IP Phones are well suited for "hot-desking" applications. Users can log into their Microsoft Lync user accounts by entering their PINs on the phones, which allows them to access voicemail, personal contacts, and any customized user profile settings.

The HP 4110 IP Phone provides Power over Ethernet (PoE) connectivity as well as an optional power adapter. Simplified wall-mount capability provides easy installation.

Features and benefits

HP AllianceOne integration
• Optimized for seamless operation with Microsoft Lync unified communications

  provides ease of configuration and installation and is compatible with survivable branch appliances for Microsoft Lync

Connectivity
• Dual Gigabit Ethernet ports

  allows Gigabit Ethernet connectivity as well as pass-through capability

• IEEE 802.3af Power-over-Ethernet (PoE) Class 2 support simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power; supports an optional external power supply unit adapter where PoE is not available

Convergence
• LLDP-MED (Media Endpoint Discovery)

  defines a standard extension of LLDP that stores values for parameters such as QoS and VLAN to automatically configure network devices such as IP phones

Phone characteristics
• Microsoft Real Time Audio (RTA) technology

  is designed for both high-quality wideband and narrowband Voice over IP (VoIP) applications

• G.722 wideband audio codec support

  delivers voice calls with high-definition audio quality

• G.711 pulse-code modulation support

  provides support for legacy voice encoding (A-law, μ-law)

• Support for wide variety of audio codec and acoustic performance requirements

  provides quality voice communications, improving collaboration, boosting productivity, and reducing operating costs

• Handset and speakerphone audio outputs

  supports wideband and Hearing Aid Compatibility (HAC) outputs; full-duplex speakerphone (compliant with IEEE 1329 Type 1)

  supports acoustic echo cancellation and provides wideband speaker and microphone

• User interface

  includes 3.5-inch TFT display (320 x 240 pixels), Unicode character capability, and LCD backlight with automatic display dimming on idle; supports multiple languages

• Software features

  basic mode supports contacts, photos, and standard enterprise

  IP-PBX features such as CAC, survivability, E911 (U.S. only), and call park; enhanced mode provides individual voicemail listings, calendar, and conference features; provides teleworker support

• LED display

  provides easy visual indicator of important phone features and status

Warranty and support
• 1-year warranty

  advance hardware replacement with 30-calendar-day delivery (available in most countries)

• Electronic and telephone support

  limited electronic and business-hours telephone support is available from HP for the entire warranty period; to reach our support centers, refer to hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to hp.com/networking/warrantysummary

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Specifications

	HP 4110 IP Phone (J9765A)
I/O ports and slots	2 RJ-45 auto-negotiating 10/100/1000 PoE ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3af PoE)
Physical characteristics Weight Full configuration weight	7.2(w) x 1.42(d) x 9.37(h) in (18.29 x 3.61 x 23.8 cm) (0U height) 2.65 lb (1.2 kg) shipping weight 1.2 kg 2.65 lb (1.2 kg)
Mounting and enclosure	Wall mount capability designed into HP4110.
Environment Operating temperature Operating relative humidity Nonoperating/Storage temperature Nonoperating/Storage relative humidity	32°F to 104°F (0°C to 40°C) 10% to 90%, noncondensing -40°F to 185°F (-40°C to 85°C) 20% to 90%, noncondensing
Safety	UL 60950-1; CAN/CSA 22.2 No. 60950-1; EN 60950-1; ICES-003; FCC Part 15, Subpart B; GOST; EN 55022 Class A; EN 55024: 1998; C-Tick; VCCI Class A
Phone characteristics Fixed feature buttons Soft keys Display type Characters per display line(max.) Display size Display pixel resolution Desk stand	Alphanumeric keys (0–9), *, #, Speakerphone, Mute, Volume Up/Down/Select, and Home and Back Menu plus 2 soft keys TFT display Unicode character capability 3.5 in. in. 320 x 240 pixels Included
Emissions	CISPR 22 Class B; EN 55022 Class B; EN 55024; ICES-003 (Canada); ICES-003 Class B; VCCI (Japan); FCC Part 15, Class B; GOST; KCC Class A
Notes	Microsoft Lync unified communications support: • Seamless operation with all Lync-optimized IP phone features • Standalone operation in a Lync environment • Latest WinCE rollup Acoustic performance highlights: • Voice activity detection (VAD) • Comfort noise generation (CNG) • Acoustic echo cancellation (AEC) • DTMF tone generation/DTMF event RTP payload • Packet loss concealment • Adaptive jitter buffers • Background noise suppression • Automatic gain control (AGC) • Dynamic noise reduction • Volume control for each audio output Available user languages: • English, French, Brazilian Portuguese, Spanish, German, Italian, Dutch • Russian, Turkish, Polish, Czech, Slovak, Hungarian, Romanian, Ukrainian, Croatian • Japanese, Korean, Simplified Chinese, Traditional Chinese • Finnish, Swedish, Norwegian, Danish LED status indicators: • Mute, Speaker, and Ringing/In Call/Hold
Services	Refer to the HP website at hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP 4110 IP Phone Series accessories

Power Supply	HP IP Phone 5V Power Supply (J9767A)

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hp.com/networking

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