

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 | 7.2(w) x 1.42(d) x 9.37(h) in (18.29 x 3.61 x 23.8 cm) (OU height) |
| Weight | 2.65 lb (1.2 kg) shipping weight 1.2 kg |
| Full configuration weight | 2.65 lb (1.2 kg) |
| Mounting and enclosure | Wall mount capability designed into HP4110. |
| Environment | Operating temperature 32°F to 104°F (0°C to 40°C) |
| Operating relative humidity | 10% to 90%, noncondensing |
| Nonoperating/Storage temperature | -40°F to 185°F (-40°C to 85°C) |
| Nonoperating/Storage relative humidity | 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 | Alphanumeric keys (0–9), *, #, Speakerphone, Mute, Volume Up/Down/Select, and Home and Back |
| Fixed feature buttons | Menu plus 2 soft keys |
| Soft keys | TFT display |
| Display type | Unicode character capability |
| Characters per display line(max.) | 3.5 in. in. |
| Display size | 320 x 240 pixels |
| Display pixel resolution | Included |
| Desk stand | |
| 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 | <p>Microsoft Lync unified communications support:</p> <ul style="list-style-type: none"> • Seamless operation with all Lync-optimized IP phone features • Standalone operation in a Lync environment • Latest WinCE rollup <p>Acoustic performance highlights:</p> <ul style="list-style-type: none"> • 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 <p>Available user languages:</p> <ul style="list-style-type: none"> • 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 <p>LED status indicators:</p> <ul style="list-style-type: none"> • 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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