

### Overview

## Models

HP 4110 IP Phone

J9765A

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## Key features

- Microsoft Lync optimized common area phone
  - Standalone operation in a Lync environment
  - Power over Ethernet (PoE) connectivity
  - Well suited for "hot-desking" applications
  - Simplified wall-mount capability
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## Product overview

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

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.

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## Features and benefits

### HP AllianceONE integration

- **Microsoft Lync optimized IP phone:** provides ease of configuration and installation and is compatible with other survivable branch appliances for Microsoft Lync

### Connectivity

- **Dual Gigabit Ethernet ports:** allows Gigabit Ethernet connectivity as well as "hot-desking" 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 external power supply unit adapter (optional)

### Convergence

- **LLDP-MED (Media Endpoint Discovery):** is 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:** designed for both high-quality wideband and narrowband Voice over IP (VoIP) applications
  - **G.722 support:** wideband audio that delivers voice calls with superior audio quality
  - **G.711 (A-law, i-law) support:** provides support for legacy voice encoding
  - **Codecs and acoustic performance:** provides support for codec and acoustic performance requirements, including voice activity detection (VAD), comfort noise generation (CNG), acoustic echo cancellation (AEC), DTMF tone generation/DTMF event RTP payload, packet loss concealment, low-latency audio packet transmission, adaptive jitter buffers, background noise
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### Overview

suppression, automatic gain control (AGC), dynamic noise reduction, and volume control for each audio output

- **Handset and speakerphone audio outputs:** supports wideband and Hearing Aid Compatibility (HAC) support; full-duplex speakerphone supports acoustic echo cancellation and provides wideband speaker and microphone
- **User interface and languages:** provides 3.5-inch TFT display (320 x 240 pixels) with Unicode character capability; display features LCD backlight with automatic display dimming on idle; supports the following languages: English, French, Spanish, German, Italian, Dutch, Russian, Brazilian Portuguese, Japanese, Korean, Simplified and Traditional Chinese, Finnish, Swedish, Norwegian, and Danish
- **Software features:** Basic Mode supports Contacts, Photos, Standard Enterprise IP-PBX features such as CAC, Survivability, E911 (U.S. only), and call park; also provides teleworker support; Enhanced Mode provides individual voicemail listings, calendar, and Join Conference features
- **LED:** provides LEDs, including Mute, Speaker, and Ringing/In Call/Hold
- **Warranty:** 1-year warranty

### Technical Specifications

#### HP 4110 IP Phone (J9765A)

<b>Ports</b>	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)	
<b>Physical characteristics</b>	<b>Dimensions</b>	1.42(d) x 7.2(w) x 9.37(h) in. (3.6 x 18.3 x 23.8 cm) (OU height)
	<b>Weight</b>	2.65 lb. (1.2 kg), Fully loaded 1.2 kg
	<b>Full configuration weight</b>	2.65 lb. (1.2 kg)
<b>Mounting</b>	Wall mount capability designed into HP4110.	
<b>Environment</b>	<b>Operating temperature</b>	32°F to 104°F (0°C to 40°C)
	<b>Operating relative humidity</b>	10% to 90%, noncondensing
	<b>Non-operating/Storage temperature</b>	-40°F to 185°F (-40°C to 85°C)
	<b>Nonoperating/Storage relative humidity</b>	20% to 90%, noncondensing
<b>Safety</b>	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	
<b>Phone characteristics</b>	<b>Fixed feature buttons</b>	Alphanumeric keys (0–9), *, #, Speakerphone, Mute, Volume Up/Down/Select, and Home and Back
	<b>Soft keys</b>	Menu plus 2 soft keys
	<b>Display type</b>	TFT display
	<b>Characters per display line(max.)</b>	Unicode character capability
	<b>Display size</b>	3.5 in.
	<b>Display pixel resolution</b>	320 x 240 pixels
	<b>Desk stand</b>	Included
<b>Emissions</b>	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	
<b>Features</b>	User interface	
	<ul style="list-style-type: none"><li>- 3.5 in. backlit color LCD (no touchscreen)</li><li>- 24 keys, including 3 softkeys</li><li>- Home and back keys</li><li>- 2-way navigation key</li><li>- 2 volume keys</li><li>- Full numerical keypad (0–9, #, and *)</li></ul>	
	User language	
	<ul style="list-style-type: none"><li>- English</li><li>- French</li><li>- Spanish</li><li>- German</li><li>- Italian</li><li>- Dutch</li><li>- Russian</li><li>- Brazilian Portuguese</li></ul>	

### Technical Specifications

- Japanese
- Korean
- Simplified Chinese
- Traditional Chinese
- Finnish
- Swedish
- Norwegian
- Danish

### Services

3-year, parts only, global next-day advance exchange (HT049E)

3-year, 24x7 SW phone support, software updates (HT050E)

Refer to the HP website at: [www.hp.com/networking/services](http://www.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.

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### Accessories

**HP 4110 IP Phone Series  
accessories**

**Power Supply**  
[HP IP Phone 5V Power Supply](#)

J9767A

### Accessory Product Details

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

<b>Physical characteristics</b>	<b>Dimensions</b>	3.7(d) x 1.51(w) x 1.17(h) in. (9.4 x 3.84 x 2.96 cm)
	<b>Weight</b>	0.38 lb. (0.17 kg) power adapter and US power cord
<b>Environment</b>	<b>Operating temperature</b>	32°F to 104°F (0°C to 40°C)
	<b>Operating relative humidity</b>	10% to 90%, noncondensing
<b>Electrical characteristics</b>	<b>DC voltage</b>	5V DC
	<b>Current</b>	3 A
	<b>Power output</b>	15 W
	<b>Notes</b>	Notes continuous power
<b>Safety</b>	CE Labeled; UL 60950-1; EN 60950	
<b>Emissions</b>	EN 55022 Class B; FCC Part 15, Class B	
<b>Immunity</b>	<b>ESD</b>	IEC 61000-4-2
	<b>Radiated</b>	IEC 61000-4-3
	<b>EFT/Burst</b>	IEC 61000-4-4
	<b>Surge</b>	IEC 61000-4-5
	<b>Conducted</b>	IEC 61000-4-6
	<b>Harmonics</b>	IEC 61000-3-2
	<b>Flicker</b>	IEC 61000-3-3
<b>Notes</b>	Weight will vary due to power cords in various countries and due to packaging.	
<b>Services</b>	Refer to the HP website at: <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> 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.	

To learn more, visit: [www.hp.com/networking](http://www.hp.com/networking)

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