



# HPE 4120 IP Phone Series



## Key features

- Optimized for seamless operation with Microsoft® Lync® unified communications
- Support for Microsoft Office 365 integration
- Support for Microsoft “Better Together” mode
- Easy phone installation with PoE connectivity

## Product overview

The HPE 4120 IP Phone Series is optimized for use with Microsoft Lync unified communications and can support the familiar Microsoft Office 365 desktop suite combined with the latest, cloud-based versions of Microsoft’s next-generation communications and collaboration services.

The HPE 4120 IP Phone Series supports all Lync-optimized IP phone features, including Microsoft “Better Together” mode, which leverages Lync’s powerful collaboration capabilities.

The HPE 4120 IP Phone Series is ideal for small enterprises and small- to medium-sized businesses that wish to reduce infrastructure spending and achieve the benefits of unified communications delivered through cloud services.

## Features and benefits

### Hewlett Packard Enterprise AllianceOne integration

- Optimized for seamless operation with Microsoft Lync unified communications Provides a rich set of unified communications features; supports Microsoft “Better Together” mode and Microsoft Office 365 integration; is designed for standalone operation in a Lync environment; delivers ease of configuration and installation.

### 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

- USB host and device support

Allows USB connectivity for “Better Together” connectivity

- Headset port

Provides wideband frequency response for use with optional external headset

### **Convergence**

- LLDP-MED (Media Endpoint Discovery)

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

### **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, –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

See [hpe.com/networking/warrantysummary](http://hpe.com/networking/warrantysummary) for warranty and support information included with your product purchase

## HPE 4120 IP Phone Series

### Specifications



#### HPE 4120 IP PHONE (J9766C)

<b>I/O ports and slots</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>	
Dimensions	8.86(w) × 1.65(d) × 9.37(h) in (22.5 × 4.19 × 23.8 cm) (OU height)
Weight	3.31 lb (1.5 kg) shipping weight
Full configuration weight	3.31 lb (1.5 kg)
<b>Environment</b>	
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
<b>Electrical characteristics</b>	
Voltage	Powered by PoE (depending on power supply chosen)
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
<b>Phone characteristics</b>	
Fixed feature buttons	21
Soft keys	3
Four-way navigation control	No
Display type	TFT display
Display backlit	No
Display size	3.5 in. (8.89 cm) Color
<b>Display pixel resolution</b>	320 × 240 pixels
<b>Desk stand</b>	Included
<b>Platforms Supported</b>	Microsoft Lync

## HPE 4120 IP Phone Series

### Specifications (continued)

#### HPE 4120 IP PHONE (J9766C)

##### 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
- Microsoft Office 365 integration
- Microsoft “Better Together” mode
- Standalone operation in a Lync environment
- Latest WinCE rollup
- Client-side Music on Hold Acoustic

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
- Low-latency audio packet transmission
- 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:

- Presence indicator
- Other LEDs for Mute, Speaker, Ringing/In Call/Hold, Headset, and Voicemail

##### Services

Refer to the Hewlett Packard Enterprise website at [hpe.com/networking/services](http://hpe.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 Hewlett Packard Enterprise sales office.

## HPE 4120 IP Phone Series accessories

### Power Supply

HPE IP Phone 5V Power Supply (J9767A)

Learn more at  
[hpe.com/networking](http://hpe.com/networking)



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