

Overview

Input/Output Devices - Notebooks

Models

HP Pro x2 612 Replacement Wacom Pen	K0G16AA
HP Executive Tablet Pen G2	F3G73AA
HP Active Pen with Spare Tips	1FH00AA
HP Ultrathin Bluetooth Mouse	L9V78AA
HP Ultrathin Bluetooth Mouse SE	L9V77AA
HP Wireless Optical Mouse	K7S53AA
HP 2.4 GHz Wireless Mouse	L0Z84AA
HP Slim Bluetooth Mouse	F3J92AA
HP Ultra Mobile Wireless Mouse	H6F25AA
HP Touch to Pair Mouse	H6E52AA
HP X4000b Bluetooth Mouse	H3T50AA
HP Comfort Grip Wireless Mouse	H2L63AA
HP USB Travel Mouse	G1K28AA
HP 3-Button USB Laser Mouse	H4B81AA
HP Pro x2 612 G1 Travel Keyboard	G8X14AA
HP Pro x2 612 G1 Backlit Power Keyboard	K3T47AA
HP Elite x2 1011 Power Keyboard	L0U13AA
HP Elite x2 1011 G1 Travel Keyboard	K6B54AA
HP Wireless (Link-5) Keyboard	T6U20AA
HP USB Essential Keyboard/Mouse (APJ & Americas only)	H6L29AA
HP 2.4 GHz Wireless Keyboard and Mouse Bundle	G1K29AA
HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Slim USB Keyboard and Mouse	T6T83AA
HP Conferencing Keyboard	K8P74AA
HP Pro x2 612 G2 Collaboration Keyboard	1FV38AA
HP Wireless Collaboration Keyboard	Z9N39AA
HP USB Collaboration Keyboard	Z9N38AA
HP Wireless Premium Keyboard	Z9N41AA
HP USB Premium Keyboard	Z9N40AA
HP USB Premium Mouse	1JR32AA
HP Wireless Premium Mouse	1JR31AA
HP x360 11 EMR Pen with Eraser New!	2EB40AA

Introduction

HP Input/Output devices provide additional desktop functionality for HP Business Notebooks.

Overview

Compatibility

HP's Input/Output devices with USB connections are compatible with all HP Business Notebook and docking products. HP Executive Tablet Pen Gen 2 is compatible **only** with the HP EliteBook Revolve 810 G2, the HP ElitePad 1000 G2 and HP Pro Tablet 610 G1. Refer to your notebook's QuickSpecs for specific compatibility.

HP Wacom Replacement Pen and the HP Pro x2 612 G1 Keyboards are compatible **only** with the HP Pro x2 612 G1.

HP Elite X2 1011 G1 Soft Keyboard Jacket is only compatible with the HP Elite X2 1011 G1 only.

HP Elite x2 1011 Power and Travel Keyboards are only compatible with the HP Elite x2 1011.

HP Active Pen with Spare Tips is only compatible with HP ProBook x360 11 G1

HP Pro x2 612 G2 Collaboration Keyboard is compatible with HP Pro x2 612 G2

NOTE: Not all localizations and models are available in all regions.

Service and Support

HP's Input/Output devices have a one-year limited warranty. Technical support is available seven days a week, 24 hours a day, as well as in online support forums. Certain restrictions and exclusions apply.

Technical Specifications

HP Pro x2 612 Replacement Wacom Pen	Part Number	KOG16AA
	Dimensions (L x W)	4.33 x .22 in (110 x 5.5 mm)
	Weight	0.10 oz (2.8 g)
	Tip Diameter	1 mm
	Power	No battery required
	Buttons	Yes, 1
	Pen pressure level resolution	1024 levels
	Tilt Operation	Yes
	Palm Rejection	Yes
	Hover Reading Heights	15 mm
	Connecting technology	Electro-Magnetic Resonance (EMR)
	Kit contents	HP Wacom Digitizer Pen and documentation
	Color	Black plastic
Compatibility	HP Pro x2 612 G1	

NOTE: The Wacom Pen is available as a configurable option at the time of order and available on models ordered with a digitizer screen. Models without a built-in digitizer are incompatible with the Pen and cannot be added as aftermarket option.

HP x360 11 EMR Pen with Eraser	Part Number	2EB40AA
	Dimensions (L x W)	5.11 x .037 in (130 x 9.5 mm)
	Weight	.31 oz (9.9 g)
	Tip Diameter	1.6 mm
	Pen pressure level resolution	4096 levels
	Tilt Operation	Yes
	Palm Rejection	Yes (Note: by system control; when EMR activates, finger touch off by system)
	Hover Reading Heights	8 mm (max)
	Compatibility	HP Chromebook x360 11 G1 Education Edition ¹
	What's in the box	HP x360 11 EMR Pen, tweezer, 3 X POM Tips, 1 pen lanyard, pen holder and documentation

HP Executive Tablet Pen G2	Part Number	F3G73AA
	Dimensions (L x W)	5.65 x 0.47 in (143.5 x 11.8 mm)
	Weight	1.06 oz (30 g)
	Tip Diameter	1 mm
	Power	Yes, 1 AAA battery
	Pen pressure level resolution	256 levels
	Tilt Operation	Yes
	Palm Rejection	Yes
	Hover Reading Heights	5 mm
	System requirements	Windows 8, Windows 8.1
	Kit contents	HP Executive Tablet Pen G2, AAA battery and documentation
Functionality	Right-click, draw, type, and navigate better than ever with a capacitive tip that offers pin-point accuracy to help improve productivity. Pen supports hover feature and pressure sensitivity levels up to 256 Windows 8 Certified	

Technical Specifications

	Color	Soft tip for quiet performance and more precise writing capabilities
	Compatibility	Black HP ElitePad 1000 G2 Tablet, and HP EliteBook Revolve 810 G2 only
HP Active Pen with Spare Tips	Part Number	1FH00AA
	Dimensions (L x W)	4.85 x .20 in (123.3 x 5.3 mm)
	Weight	Including battery: Approximately 15.8g Excluding battery: Approximately 9.2g
	Tip Diameter	1 mm
	Power	Yes, One AAAA battery
	Buttons	Yes, 2
	Pen pressure level resolution	2048 levels
	Tilt Operation	Yes
	Palm Rejection	Yes
	Hover Reading Heights	8 mm+
	Operating Environment	5 to 40 °C (41 F – 104° F)
	Temperature	+30 ~ +80 % (no condensation)
	Humidity	
	Switch Operation	Pen tip: Pressure information is detected as continuous signal Side switch: ON / OFF switching is detected
	System requirements	Windows 8.1, Windows 10
	Kit Contents	HP Active Pen, Tweezers + 3 x POM Tips, 1 AAAA battery, pen lanyard and documentation
	Color	Nature Silver
	Compatibility	HP ProBook x360 11 G1
HP Ultrathin Bluetooth Mouse	Part Number	L9V78AA
	Dots per inch (DPI)	1200
	Connectivity	Bluetooth® 3.0
	Tracking type	Optical
	Dimensions (H x L x W)	1.02 x 2.48 x 3.98 in (2.60 x 6.12 x 10.88 cm)
	Weight	3.60 oz (102 g)
	Color	Black
	System requirements	Windows 7, Windows 8 and Windows 10
	Functionality	4-Way Scroll Vertically : 1 or 2 fingers UP or 1 or 2 fingers Down Horizontally : 1 or 2 fingers Left or 1 or 2 fingers Right
	Kit contents	HP Ultrathin Bluetooth Mouse, two AA batteries and documentation
HP Ultrathin Bluetooth Mouse SE	Part Number	L9V77AA
	Dots per inch (DPI)	1200
	Connectivity	Bluetooth® 3.0
	Tracking type	Optical

Technical Specifications

Dimensions (H x L x W)	1.02 x 2.48 x 3.98 in (2.60 x 6.12 x 10.88 cm)
Weight	3.60 oz (102 g)
Color	Red
System requirements	Windows 7, Windows 8 and Windows 10
Functionality	4-Way Scroll Vertically : 1 or 2 fingers UP or 1 or 2 fingers Down Horizontally : 1 or 2 fingers Left or 1 or 2 fingers Right
Kit contents	HP Ultrathin Bluetooth Mouse SE, two AA batteries and documentation

HP Wireless Optical Mouse	Part Number	K7S53AA
	Dots per inch (DPI)	1200
	Connectivity	2.4 GHz
	Tracking type	Optical
	Dimensions (H x L x W)	1.40 x 2.26 x 3.70 in (3.58 x 5.75 x 9.40 cm)
	Weight	2.09 oz (59.5 g)
	System requirements	Windows 7, Windows 8 and Windows 10 Available USB port
	Functionality	3 Buttons (Left, Right and Scroll)
	Kit contents	HP Wireless Optical Mouse, nano USB receiver, one AA battery and documentation

HP 2.4 GHz Wireless Mouse	Part Number	LOZ84AA
	Dots per inch (DPI)	1600
	Connectivity	2.4 GHz
	Tracking type	Optical
	Dimensions (H x L x W)	1.53 x 2.24 x 3.73 in (3.91 x 5.70 x 9.48 cm)
	Weight	2.82 oz (80 g)
	System requirements	Windows 7, Windows 8 and Windows 10 Available USB port
	Functionality	3 Buttons (Left, Right and Scroll)
	Kit contents	HP 2.4 GHz Wireless Mouse, nano USB receiver, one AA battery and documentation

HP Slim Bluetooth Mouse	Part Number	F3J92AA
	Dots per inch (DPI)	Default 1200. Adjustable (800, 1000, 1200, 1600)
	Connectivity	Bluetooth 3.0
	Tracking type	Optical
	Dimensions (H x L x W)	0.98 x 4.00 x 2.54 in (2.50 x 10.17 x 6.46 cm)
	Weight	1.55 oz (44 g)
	System requirements	Windows XP ,Vista ,Windows 7 , Windows 8 , Windows 10, Mac OSX , Chrome , and Android
	Kit contents	HP Slim Bluetooth Mouse , one AA battery and documentation

Technical Specifications

HP Ultra Mobile Wireless Mouse	Part Number Dots per inch (DPI) Connectivity Tracking type Dimensions (H x L x W) Weight System requirements Kit contents	H6F25AA 1200 2.4 GHz, Link 5 Optical 0.98 x 4.00 x 2.54 in (2.50 x 10.17 x 6.46 cm) 3.25 oz (92 g) Windows XP, Vista, Windows 7, Windows 8, Windows 10, Mac OSX, and Android HP Ultra Mobile Wireless Mouse, two AA batteries and documentation
HP Touch to Pair Mouse	Part Number Dots per inch (DPI) Connectivity Tracking type Dimensions (H x L x W) Weight System requirements Kit contents	H6E52AA 1600 Bluetooth 3.0 + NFC Laser 1.52 x 4.21 x 2.88 in (3.86 x 10.70 x 7.31 cm) 2.65 oz (75 g) (w/o batteries) Windows Vista, Windows 7, Windows 8 and Windows 10 (NFC pairing only works on system with NFC enabled and Windows 8 and higher) HP Touch to Pair Mouse, two AA batteries, and documentation
HP X4000b Bluetooth Mouse	Part Number Dots per inch (DPI) Connectivity Tracking type Dimensions (H x L x W) Weight System requirements Kit contents	H3T50AA Default 1200. Adjustable (800, 1000, 1200, 1600) Bluetooth 3.0 Laser 1.52 x 4.21 x 2.64 in (3.86 x 10.69 x 6.71 cm) 4.3 oz (122.5 g) Windows Vista, Windows 7, Windows 8, and Windows 10 HP X4000b Bluetooth mouse, two AA batteries and documentation
HP Comfort Grip Wireless Mouse	Part Number Dots per inch (DPI) Connectivity Tracking type Dimensions (H x L x W) Weight System requirements	H2L63AA Default 1200. Adjustable (800, 1000, 1200, 1600) 2.4 GHz, Link 5 Laser 1.52 x 4.21 x 2.64 in (3.86 x 10.69 x 6.71 cm) 4.3 oz (122.5 g) Windows Vista, Windows 7, Windows 8, and Windows 10; Available USB port

Technical Specifications

	Kit contents	HP Comfort Grip Wireless Mouse, USB Wireless micro-receiver, two AA batteries, and documentation
HP USB Travel Mouse	Part Number	G1K28AA
	Dots per inch (DPI)	1000
	Connectivity	USB
	Tracking type	Optical
	Dimensions (H x L x W)	1.45 x 3.85 x 2.32 in (3.7 x 9.8 x 5.9 cm)
	Weight	2.15 oz (61 g)
	Cable length	3.1 ft (95 cm)
	System requirements	Windows 7, Windows 8 and Windows 10 Available USB port
	Approvals	EMC Standards EN55022:1998, EN55024:1998
		Safety Standards UL(60950), CSA(60950-1-03), (EN60950-1:2006)
		Laser Standards Mouse in compliance with EN 60825-1:1994 Class 1 LED
	Kit contents	HP USB Travel Mouse and documentation
HP 3-Button USB Laser Mouse	Part Number	H4B81AA
	Dots per inch (DPI)	1000
	Connectivity	USB
	Tracking type	Laser
	Dimensions (H x L x W)	1.47 x 4.53 x 2.47 in (3.73 x 11.5 x 6.29 cm)
	Weight	3.36 oz (102 g)
	Cable length	6 ft (180 cm)
	System requirements	Windows Vista, Windows 7; Available USB port
	Kit contents	HP 3-Button USB Laser Mouse and documentation
HP Pro x2 612 G1 Travel Keyboard	Part Number	G8X14AA
	Dimensions	8.89 x 12.38 x 0.23 inch (22.6 x 31.4 x 0.6 cm)
	Weight	1.57 lbs (715 g)
	Kit contents	HP Pro x2 612 G1 Travel Keyboard and documentation
	Key Features	<ul style="list-style-type: none"> - Thin keyboard folio with retaining flap - ClickPad (87 x 49 mm) with image sensor, multi-touch gestures enabled, on/off function and LED indicator - Foldable kickstand; 120° viewing angle - Docking connector to tablet - USB 3.0 port - Combo audio jack, DC-in (4.5mm) - Full size 81/82-key island-style backlit keyboard with full row of function keys and LED indicators

Technical Specifications

HP Pro x2 612 G1 Backlit Power Keyboard	Part Number Dimensions Weight Kit contents Key Features	K3T47AA 9.43 x 12.44 x 0.39 inch (23.9 x 31.6 x 0.10 cm) 2.16 lbs (980 g) HP Pro x2 612 G1 Backlit Power Keyboard and documentation Power keyboard base ClickPad (87 x 49 mm) with image sensor, multi-touch gestures enabled, on/off function and LED indicator Docking connector, DisplayPort 1.2, VGA, SD card reader, 2 USB 3.0 port (1 charging), RJ45, Combo audio jack, DC-in (4.5mm) Full size 81/82-key island-style backlit keyboard with full row of function keys and LED indicators
HP Elite x2 1011 Power Keyboard	Part Number Dimensions Weight Kit contents Ports and slots	LOU13AA 11.73 x 8.12 x 0.82 in (29.8 x 20.61 x 2.08 cm)* *Tablet with power keyboard Starting at 1.72 lbs (780 g) HP Elite x2 1011 Power Keyboard , documentation Ports <ul style="list-style-type: none"> 1 docking connector to tablet 1 headphone/microphone combo 1 DisplayPort 1.2 1 USB 3.0 1 USB 3.0 charging <ul style="list-style-type: none"> 1 docking connector for dongle support 1 4.5 mm multi-pin AC port Slots <ul style="list-style-type: none"> 1 smart card reader
HP Elite x2 1011 Travel Keyboard	Part Number Dimensions Weight Kit contents Key features	K6B54AA 11.6 x 8.26x 0.24 inch (29.56 x 21.0 x 0.6 cm) 1.18 lbs (530 g) HP Elite x2 1011 G1 Travel Keyboard and documentation -Thin keyboard folio with retaining flap -ClickPad (87 x 49 mm) with image sensor, multi-touch gestures enabled, on/off function and LED indicator -Foldable kickstand; 130° viewing angle -Docking connector to tablet -USB 3.0 port -Combo audio jack, DC-in (4.5mm) -Full size 81/82-key island-style backlit keyboard with full row of function keys and LED indicators

Technical Specifications

HP Wireless (Link-5) Keyboard

Part Number	T6U20AA
Dimensions	5.3 x 17.6 x 0.83 in (13.7 x 43.6 x 2.1 cm)
Weight	1.23 lbs (560 g)
Connectivity	2.4 GHz, Link-5
System requirements	Windows Vista, Windows 7; Windows 8, Windows 8.1, Windows 10. Available USB port for the receiver
Wireless Connection Encryption	Secure 128-bit (AES) encryption between device and receiver
Kit contents	HP Wireless (Link-5) Keyboard, USB Link-5 micro-receiver, two AAA batteries and documentation

HP USB Essential Keyboard/Mouse (APJ & Americas only)

Keyboard

Part Number	H6L29AA
Dimensions (H x L x W)	1.08 x 18.15 x 6.02 in (2.74 x 46.1 x 15.3 cm)
Weight	20.6 oz (585 g)
Cable length	5 ft (1.5 m)
System requirements	Windows Vista, Windows 7, Windows 8, and Windows 10 Available USB port
Approvals	UL, CSA, FCC, CE Mark, TUV, TUV GS, VCCI, BSMI, C-Tick, MIC

Mouse

Dots per inch (DPI)	1000
Dimensions (H x L x W)	1.37 x 4.53 x 2.48 inch (3.50 x 11.50 x 6.30 cm)
Weight	3.74 oz (106 g)
Cable length	5.9 ft (1.8 m)
System requirements	Windows Vista, Windows 7, Windows 8, and Windows 10. Available USB port
Approvals	UL, CSA, FCC, CE Mark, TUV, TUV GS, VCCI, BSMI, C-Tick, MIC
Kit contents	Keyboard, mouse, and documentation

HP 2.4 GHz Wireless Keyboard and Mouse Bundle

Keyboard

Part Number	G1K29AA
Dimensions (H x L x W)	1.08 x 16.6 x 5.66 in (2.74 x 42.15 x 14.38 cm)
Weight	16.27 oz (460 g) With battery
Wireless Connection Encryption	Secure 128-bit (AES) encryption between device and receiver
System requirements	Android™. Available USB port for the receiver.

Mouse

Dots per inch (DPI)	1000
Tracking type	Laser
Dimensions (H x L x W)	1.46 x 4.53 x 2.48 inch (3.7 x 11.5 x 6.29 cm)
Weight	4.06 oz (115 g) With battery

Technical Specifications

	Kit contents	Keyboard, Mouse, USB Receiver, AA batteries and documentation
HP Slim Wireless Keyboard and Mouse Keyboard	Part Number Dimensions (H x L x W) Weight Wireless Connection Encryption System requirements	T6L04AA 1.09 x 18.1 x 6.47 in (27.87 x 460.3 x 164.3 mm) 1.94 lb (880 g) without batteries Secure 128bit AES Encryption between device and receiver Windows Vista, Windows 7; Windows 8, Windows 8.1, Windows 10. Available USB port for the receiver
Mouse	Dots per inch (DPI) Tracking type Dimensions (H x L x W) Weight System requirements Approvals Kit contents	1000 Laser 0.33x 1.79 x 0.72 in (8.4 x 45.5 x 18.4 mm) 0.15 lb (67 g) without batteries Windows Vista, Windows 7; Windows 8, Windows 8.1, Windows 10 UL, CSA/TUV (Europe Only); CE Mark; CB Report; FCC; CE; ACA C-Tick; BSMI; KC; VCCI; GS Mark (Germany only) Keyboard, Mouse, USB Receiver, AAA batteries and documentation
HP Slim USB Keyboard and Mouse Keyboard	Part Number Dimensions (H x L x W) Weight Cable length System requirements	T6T83AA 1.71 x 6.83 x 8.27 in (4.36 x 17.37 x 21 cm) 1.32 lb (0.6± 0.08 kg) 6 ft (1.8 m) Windows Vista, Windows 7; Windows 8, Windows 8.1, Windows 10. Available USB port
Mouse	Dots per inch (DPI) Tracking type Dimensions (H x L x W) Weight Cable length System requirements Approvals Kit contents	1000 Laser 0.33x 1.79 x 0.72 in (8.4 x 45.5 x 18.4 mm) 0.15 lb (67 g) 6 ft (1.8 m) Windows Vista, Windows 7; Windows 8, Windows 8.1, Windows 10. Available USB port UL, CSA/TUV (Europe Only); CE Mark; CB Report; FCC; CE; ACA C-Tick; BSMI; KC; VCCI; GS Mark (Germany only) Keyboard, Mouse and documentation
HP Conferencing Keyboard	Part Number	K8P74AA

Technical Specifications

Dimensions	0.85 x 17.34 x 6.10 in (2.16 x 44.05 x 15.50 cm)
Weight	24.69 oz. (700 g)
Connectivity	USB cable
Keys	110 (US) Layout, 111 (EU) Layout – depending upon country
Feature Summary	Full-size ultra-quiet keyboard with numerical pad and 12 function keys One-touch simplicity for Microsoft Lync or Skype for Business voice or video calls with dedicated keys and LED light indicators

Technical Specifications

Illuminated keys	Incoming Call – <i>Blinks Green</i> Call in progress – <i>Green</i> Microphone Mute – <i>Orange</i> Audio Mute – <i>Orange</i> Screen Sharing – <i>Orange</i> Stop Webcam – <i>Orange</i>
Other Call control keys	End/Decline Call Volume up and down rocker key
Microsoft Lync/Outlook	Fn+F12 – Lync or Skype for Business Calendar will open. If Lync or Skype for Business is not available will bring Outlook Calendar * Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list *
Functions Keys	Fn+F10 – System Settings Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
System requirements	Available USB port Windows 7, Windows 8.x, and Windows 10 Server: Microsoft Lync Server 2010 or 2013 and Skype for Business Server 2015 Client: Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business Notes: <ul style="list-style-type: none">• Limited support for Microsoft Lync 2010, Microsoft Lync 2013 Basic and Microsoft Metro Mode• Screen brightness functions supported in select HP systems
Approvals EMC Product Safety Country of origin Kit contents Service and support Compatibility	FCC; CE; ACA(C-tick); EAC UL, CE Mark China HP Conferencing Keyboard and documentation One-year limited warranty HP Conferencing Keyboard is compatible with HP Business Notebooks, Desktops and docking products – HP 90W/230W Docking Stations, 120W/230W Advanced Docking Stations and Ultra Slim Docks.

****** Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

Technical Specifications

Functions Key	<p>Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list *</p> <p>Fn+F10 – Print Screen</p> <p>Fn+F9 – Devices</p> <p>Fn+F8 – Search</p> <p>Fn+F7 – Blank</p> <p>Fn+F6 – Up Brightness Adjustment</p> <p>Fn+F5 – Down Brightness Adjustment</p> <p>Fn+F4 – Display Options</p> <p>Fn+F3 – File Explorer</p> <p>Fn+F2 – System Lock</p> <p>Fn+F1 – System Sleep</p>
System requirements	<p>Available USB port</p> <p>Windows 7, Windows 8.x, and Windows 10</p> <p>Server: Microsoft Lync Server 2013 or Skype for Business Server 2015</p> <p>Client: Locally installed on the system Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business</p> <p>Notes:</p> <ul style="list-style-type: none"> • Limited support for Microsoft Lync 2013 Basic and Microsoft Metro Mode • Screen brightness functions supported in select HP systems
Operating Temperature	0 ~ +40°C
Approvals	<p>CE RF test report; USA /FCC Part 15 C; Canada/RS-210; Argentina; Jordan; RUSSIA-FAC(RF); RUSSIA-CU; South Africa; Turkey; Ukraine; BRAZIL; Mexico; Australia / New Zealand; Australia / New Zealand RCM; AUSTRALIA NEW ZEALAND RF; China SRRC; INDIA wireless; INDIA safety; Indonesia; Japan TELEC; KOREA KCC; MALAYSIA; Pakistan; Philippines; Singapore; Taiwan BSMI; Taiwan NCC; CB for Nemko; cCSAus for CSA; UL/CUL; GS for TUV Rh; Japan EMC</p>
Country of origin	China
Kit contents	Keyboard, USB Link-5 micro-receiver, micro USB to USB rechargeable cable and documentation
Service and support	One-year limited warranty
Compatibility	HP Wireless Collaboration Keyboard is compatible with HP Business Notebooks, Desktops and docking products – HP 90W/230W Docking Stations, 120W/230W Advanced Docking Stations and Ultra Slim Docks.

** Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

HP USB Collaboration Keyboard

Part number	Z9N38AA
Dimensions	17.04 x 0.46x 5.55 inch (43.3 x 1.18 x 14.1 cm)
Weight	1.42lb (662.3g)

Technical Specifications

Connectivity	USB cable
USB Cable length	5.9 ft (1.8 m)
Switch	Function Lock switch - access the special function keys without having to first press on the Fn key -On (Green): Performs the action as depicted in the icon -Off (Red): Hold the fn key and the numeral function key to perform the action as depicted in the icon
Keys	109 (US) Layout, 110 (EU) Layout, 114 (JP) Layout – depending upon country
Feature Summary	Full-size keyboard with numerical pad and 12 function keys. Adjustable slope 0-6 degrees Key force: 60±10g Key life: 10 million cycles activation (Normal Key) Key typing noise: Max 55dbA Key structure: Scissor type Key cap legend: Printed (Lync Buttons Laser Printed)
Illuminated keys	Incoming Call – <i>Blinks Green</i> Call in progress – <i>Green</i> Decline incoming Call – <i>Blinks Red</i> End Call - <i>Red</i> Microphone Mute – <i>Amber</i> Audio Mute – <i>Amber</i> Screen Sharing – <i>Amber</i> Stop Webcam – <i>Amber</i> Cap Lock Num Lock
Other Call control keys	Volume up and down
Microsoft Lync/Outlook	Fn+F12 – Lync or Skype for Business Calendar will open. If Lync or Skype for Business is not available will bring Outlook Calendar * Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list *
Functions Key	Fn+F10 – Print Screen Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
System requirements	Available USB port Windows 7, Windows 8.x, and Windows 10 Server: Microsoft Lync Server 2013 or Skype for Business Server 2015

Technical Specifications

	Client: Locally installed on the system Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business
	Notes:
	<ul style="list-style-type: none"> Limited support for Microsoft Lync 2013 Basic and Microsoft Metro Mode Screen brightness functions supported in select HP systems
Operating Temperature	0 ~ +40°C
Approvals	CE RF test report; USA /FCC Part 15 C; Canada/RS-210; Argentina; Jordan; RUSSIA-FAC(RF); RUSSIA-CU; South Africa; Turkey; Ukraine; BRAZIL; Mexico; Australia / New Zealand; Australia / New Zealand RCM; AUSTRALIA NEW ZEALAND RF; China SRRC; INDIA wireless; INDIA safety; Indonesia; Japan TELEC; KOREA KCC; MALAYSIA; Pakistan; Philippines; Singapore; Taiwan BSMI; Taiwan NCC; CB for Nemko; cCSAus for CSA; UL/CUL; GS for TUV Rh; Japan EMC
Country of origin	China
Kit contents	Keyboard and documentation
Service and support	One-year limited warranty
Compatibility	HP USB Collaboration Keyboard is compatible with HP Business Notebooks, Desktops and docking products – HP 90W/230W Docking Stations, 120W/230W Advanced Docking Stations and Ultra Slim Docks.

** Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

HP Wireless Premium Keyboard

Part Number	Z9N41AA
Dimensions	17.04 x 0.46x 5.55 inch (43.3 x 1.18 x 14.1 cm)
Weight	1.4lb (656.1g)
Connectivity	Wireless 2.4 GHz, Link-5
Wireless Connectivity Encryption	Secure 128-bit (AES) encryption between device and receiver
Power Specifications	Rechargeable Li-ion battery – 650 mAh
Battery Life (rechargeable)	Up to 3 months
mUSB rechargeable cable length	5.9 ft (1.8m)
Indicator Lights	Battery and connection status LED
Switches	Power switch - On/Off position Function Lock switch - access the special function keys without having to first press on the Fn key -On (Green): Performs the action as depicted in the icon -Off (Red): Hold the fn key and the numeral function key to perform the action as depicted in the icon
Connect button	Link-5 connect button
Port	Micro USB Type B port to recharge keyboard battery
Keys	109 (US) Layout, 110 (EU) Layout, 114 (JP) Layout – depending upon country
Feature Summary	Anodized aluminum-trimmed full-size keyboard with numerical pad and 12 function keys. Adjustable slope 0-6 degrees

Technical Specifications

Illuminated Keys	Key force: 60±10g Key life: 10 million cycles activation (Normal Key) Key typing noise: Max 55dbA Key structure: Scissor type Key cap legend: Printed Microphone Mute – <i>Amber</i> Audio Mute – <i>Amber</i>
Function Keys	Cap Lock Num Lock Fn+F10 – Print Screen Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
System requirements	Available USB port Windows 7, Windows 8.x, and Windows 10 <ul style="list-style-type: none"> Screen brightness functions supported in select HP systems
Operating Temperature	0 ~ +40°C
Approvals	CE RF test report; ; USA /FCC Part 15 C; Canada/RS-210; Argentina; Jordan; RUSSIA-FAC(RF); RUSSIA-CU; South Africa; Turkey; Ukraine; BRAZIL; Mexico; Australia / New Zealand; Australia / New Zealand RCM; AUSTRALIA NEW ZEALAND RF; China SRRC; INDIA wireless; INDIA safety; Indonesia; Japan TELEC; KOREA KCC; MALAYSIA; Pakistan; Philippines; Singapore; Taiwan BSMI; Taiwan NCC; CB for Nemko; cCSAus for CSA; UL/CUL; GS for TUV Rh; Japan EMC; WHQL Win 10
Country of Origin	China
Kit contents	Keyboard, USB Link-5 micro-receiver, micro USB to USB rechargeable cable and documentation
Service and support	One-year limited warranty

HP USB Premium Keyboard

Part Number	Z9N40AA
Dimensions	17.04 x 0.46x 5.55 inch (43.3 x 1.18 x 14.1 cm)
Weight	1.5lb (690.6g)
Connectivity	USB interface
Cable length	5.9 ft (1.8m)
Switches	Function Lock switch - access the special function keys without having to first press on the Fn key

Technical Specifications

Keys	-On (Green): Performs the action as depicted in the icon -Off (Red): Hold the fn key and the numeral function key to perform the action as depicted in the icon
Feature Summary	Link-5 connect button 109 (US) Layout, 110 (EU) Layout, 114 (JP) Layout – depending upon country Anodized aluminum-trimmed full-size keyboard with numerical pad and 12 function keys. Adjustable slope 0-6 degrees Key force: 60±10g Key life: 10 million cycles activation (Normal Key) Key typing noise: Max 55dbA Key structure: Scissor type
Illuminated Keys	Key cap legend: Printed Microphone Mute – <i>Amber</i> Audio Mute – <i>Amber</i>
Function Keys	Cap Lock Num Lock Fn+F10 – Print Screen Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
System requirements	Available USB port Windows 7, Windows 8.x, and Windows 10 <ul style="list-style-type: none"> • Screen brightness functions supported in select HP systems
Operating Temperature	0 ~ +40°C
Approvals	CE RF test report; ; USA /FCC Part 15 C; Canada/RS-210; Argentina; Jordan; RUSSIA-FAC(RF); RUSSIA-CU; South Africa; Turkey; Ukraine; BRAZIL; Mexico; Australia / New Zealand; Australia / New Zealand RCM; AUSTRALIA NEW ZEALAND RF; China SRRC; INDIA wireless; INDIA safety; Indonesia; Japan TELEC; KOREA KCC; MALAYSIA; Pakistan; Philippines; Singapore; Taiwan BSMI; Taiwan NCC; CB for Nemko; cCSAus for CSA; UL/CUL; GS for TUV Rh; Japan EMC; WHQL Win 10
Country of Origin	China
Kit contents	Keyboard and documentation One-year limited warranty
Service and support	

HP USB Premium Mouse

Part Number	1J1R32AA
Dots per inch (DPI)	Default 1200. Adjustable (800, 1000, 1200, 1600)
Tracking type	Laser

Technical Specifications

Dimensions (H x L x W)	2.63 x 4.21 x 1.52 in (67 x 107 x 38.6 mm)
Weight	2.99 oz (85g)
Cable length	5.9 ft (1.8m)
System requirements	Windows 7, Windows 8.x, and Windows 10
Approvals	UL / FCC (US only); CSA (Canada only); EN 55022, EN 55024 (Europe only); TUV GS (Germany only); CU EAC (Russia only); UkrSEPRO (Ukraine only); Sii (Israel only); SASO (Saudi Arabia only); SABS / NRCS (South Africa); Radio Research Agency (RRA) (Korea only); BSMI (Taiwan only); VCCI (Japan only); ACMA (Australia/New Zealand only)
Kit contents	Mouse and Documentation

HP Wireless Premium Mouse

Part Number	1JR31AA
Dots per inch (DPI)	Default 1200. Adjustable (800, 1000, 1200, 1600)
Tracking type	Laser
Dimensions (H x L x W)	2.63 x 4.21 x 1.52 in (67 x 107 x 38.6 mm)
Weight	4.5 oz (115 g)
Connectivity	Wireless 2.4 GHz, Link-5
Power Specifications	Rechargeable Li-ion battery – 400 mAh
Battery Life (rechargeable)	Up to 2.7 months
mUSB rechargeable cable length	5.9 ft (1.8m)
Indicator Lights	Battery and connection status LED
Switches	Power switch – On/Off position
Connect button	Link-5 connect button
Port	Micro USB Type B port to recharge mouse battery
System requirements	Windows 7, Windows 8.x, and Windows 10
Approvals	UL / FCC (USA only); CSA (Canada only); IFT (Mexico only); ENACOM (Argentina only); CRC (Colombia only); Anatel (Brazil only); Comision Nacional de Telecomunicaciones - CONATEL (Venezuela only); SUBTEL (Chile only); EN 55022, EN 55024, EN 300328, EN 301489-1-17 (Europe only); National Telecom Regulatory Authority (NTRA) (Egypt only); TUV GS (Germany only); FCA / CU EAC (Russia only); UkrSEPRO (Ukraine only); Sii/Ministry of Communications(MOC) (Israel only); SASO/CITC (Saudi Arabia only); BTK (Turkey only); TRA (UAE only); SABS / NRCS / ICASA (South Africa only); CERT (Tunisia only); Radio Research Agency (RRA) (Korea only); NCC / BSMI (Taiwan only); MIC / VCCI (Japan only); IDA (Singapore only); OFCA (Hong Kong); SRRC (China only); SIRIM (Malaysia only); ACMA (Australia/New Zealand only); NBTC (Thailand only); Ministry of Information and Communications(MIC) (Vietnam only); Bangladesh Telecommunication Regulatory Commission (Bangladesh only); TRC (Sri Lanka only); National Telecommunications Commission (Philippines only); WPC/BIS (India only); SDPPI (Indonesia only)
Kit contents	Mouse, USB Link-5 micro-receiver, micro USB to USB rechargeable cable and documentation

Summary of Changes

Date of change:	Version History:		Description of change:
June 16, 2014	From version 1 to 2	Changed	Version to match PB
June 21, 2014	V26 to v27	Added	HP Executive Tablet Pen
November 6, 2014	V27 to V28	Added	HP Wacom Digitizer Pen and HP Pro x2 612 G1 Travel Keyboard
November 7, 2014	V28 to V29	Added	The HP Wireless Optical Mouse and the HP 2.4 GHz Wireless Mouse
November 26, 2014	V29 to V30	Changed	HP 2.4 GHz Wireless Mouse resolution
December 16, 2014	V30 to V31	Added	HP Elite x2 1011 G1 Travel Keyboard and specs The disclaimer for the Wacom Replacement Pen.
January 12, 2015	V31 to V32	Updated	Name of HP Elite x2 612 Replacement Wacom Pen
February 17, 2015	V32 to V33	Added	HP Pro x2 1011 Power Keyboard
February 18, 2015	V33 to V34	Added	HP Pro x2 1011 Travel Keyboard
February 19, 2015	V34 to V35	Added	HP Ultrathin Wireless Mouse
April 1, 2015	V35 to V36	Changed	HP Ultrathin Wireless Mouse to HP Ultrathin Bluetooth Mouse
		Added	HP Ultrathin Bluetooth Mouse SE
May 20, 2015	V36 to V37	Added	Wireless Connection Encryption
July 17, 2015	V37 to V38	Updated	Products that are Windows 10 compatible
July 27, 2015	V38 to V39	Removed	Products that are end of life HP Optical USB Travel Mouse RH304AA HP USB Essential Keyboard and Mouse Bundle H2S75AA
		Added	HP Slim Wireless Keyboard Combo HP Slim USB Keyboard Combo
October 9, 2015	V40 to V41	Added	HP Slim Wireless Keyboard and Mouse HP Slim USB Keyboard and Mouse Updated specs
October 31, 2015	V41 to V42	Updated	Part numbers for HP Slim Wireless Keyboard and Mouse T6L04AA HP Slim USB Keyboard and Mouse T6T83AA
November 9, 2015	V42 to V43	Updated	HP Slim USB Keyboard and Mouse Dimensions
November 30, 2015	V43 to V44	Added	HP Wireless (Link-5) Keyboard T6U20AA
		Updated	Updated HP Slim Wireless Keyboard and Mouse and HP Wireless (Link-5) Keyboard battery to AAA battery Copyright statement
May 12, 2015	V44 to v45	Updated	System requirements for the 2.4 GHz Keyboard and Mouse
May 12, 2015	V45 to V46	Removed	HP Bluetooth Keyboard
January 10, 2017	V46 to V47	Added	HP Active Pen with Spare Tips specs added
March 10, 2017	V47 to v48	Added	HP Pro x2 612 G2 Collaboration Keyboard 1FV38AA
May 30, 2017	V48 to v49	Added	HP Wireless Collaboration Keyboard Z9N39AA
		Added	HP USB Collaboration Keyboard Z9N38AA
		Added	HP Wireless Premium Keyboard Z9N41AA
		Added	HP USB Premium Keyboard Z9N40AA
		Added	HP USB Premium Mouse 1JR32AA
		Added	HP Wireless Premium Mouse 1JR31AA
July 10, 2017	V49 to V50	Added	HP x360 11 EMR Pen with Eraser 2EB40AA

Summary of Changes

© Copyright 2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license.