Overview

HP Elite x2 1012 G1 Accessories

HP USB-C[™] to USB 3.0 and 4.5mm Power Adapter

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HP Elite 65W Thunderbolt 3 Dock	P5Q54AA
HP Elite USB-C Docking Station	T3V74AA

Adapters	
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HP USB Type-C™ to VGA Adapter	N9K76AA
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HP 45W USB-C™ Power Adapter	V5Y26AA
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Security	
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HP Ultra Mobile Wireless Mouse	H6F25AA
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N2Z65AA

Technical Specifications

Overview

Docking Stations

HP Advanced Wireless Docking Station¹

Expand your workspace with the HP Advanced Wireless Docking Station¹, which enables seamless connectivity through WiGig technology.¹

HP Elite 65W Thunderbolt 3 Dock²

Get expansive device, display, and network connectivity plus simultaneous charging of your system through one simple cable from the dock.

HP Elite USB-C ™ Docking Station

Charge your device, view content on dual displays, access a range of accessories, and connect to a desktop PC experience with a single cable connection to the HP Elite USB-C™ Docking Station.

Adapters

HP USB Type-C™ to USB 3.0 Adapter

Convert your notebook or tablet's USB-C™ port to USB 3.0 with the HP USB-C™ to USB 3.0 Adapter.

HP USB Type-C™ to VGA Adapter

Drive your notebook or tablet's video content to an external display, TV, or projector with the HP USB-C™ to VGA Adapter.

HP USB Type-C™ to DisplayPort Adapter

Put your notebook or tablet's high-definition video content up on the big screen with the HP USB-C™ to DP Adapter, which enables connection to an external display, TV or projector.

HP USB Type-C™ to HDMI Adapter

Project your notebook or tablet's high-definition video and audio content to an external display, TV, or projector with the HP USB-C™ to HDMI Adapter.

HP 45W USB-C™ Power Adapter

Power and charge your notebook or tablet from its USB-C™ port with the HP 45W USB-C™ AC Adapter.

HP 45W USB-C™ Auto Adapter

Power and charge your notebook, tablet or phone when work takes you on the road with the HP 45W USB-CTM Auto Adapter, which connects to your car's cigarette lighter outlet.

Input/Output

HP Elite x2 1012 Travel Keyboard

Be productive on the go with the executive-class, full-sized the HP Elite x2 1012 G1 Travel Keyboard.3

HP Elite x2 1012 Advanced Keyboard

Enhance the productivity of your HP Elite x2 1012 Tablet by connecting it to the full-featured, sturdy HP Elite x2 1012 Advanced Keyboard.³

HP Active Pen with App Launch

Write naturally, launch an app with the touch of a button, and maximize your mobile productivity with the HP Active Pen with App Launch.



Technical Specifications

Cases

HP Elite Top Load Colombian Leather Case

Set a new style standard when you're on the move with the HP Elite Top Load Colombian Leather Case, a beautifully lush full-grain leather bag that helps protect your devices and data and has ultimate expandability for your everyday essentials without the extra bulk.

HP Elite Top Load Herringbone Nylon Case

Take mobility to the max and carry your mobile device and everyday essentials in style with the eye-catching HP Elite Top Load Herringbone Nylon Case, which helps protect your devices and data and delivers ultimate expandability without the extra bulk.

HP x2 1012 Protective Case

Give your HP Elite x2 1012 an extra layer of protection wherever the day takes you with the stylish, business-class HP Elite x2 1012 Protective Case.

Power

HP USB-C™ to USB 3.0 and 4.5mm Power Adapter

Travel light with the HP USB-C™ to 3 and 4.5 mm Adapter, which lets you use one power adapter to charge your tablet and notebook.

Security

HP Tablet Master Cable Lock

Help protect your mobile device from walking away with the HP Tablet Master Cable Lock.

HP Elite x2 Privacy Screen

Help protect your HP Elite x2's onscreen data from prying eyes with the HP Elite x2 Privacy Screen⁵, which also supports your interactive touchscreen features.

Miscellaneous

HP Ultraslim Tablet Sling up to 12"

Present a polished, professional appearance in and out of the office with the HP UltraSlim Tablet Sling, a stylish, durable, and compact black case with gray plaid accents designed to help protect your tablet.

HP Ultra Mobile Wireless Mouse

Low-profile, long-life, and designed for comfort. Here's the long-life wireless mouse that's so compact you can toss it in your carrying case without bulking out its profile, so power-smart it keeps up with your work day, and so comfortable you'll look for reasons to use it.

HP Tablet Cleaning Kit

Quickly and easily wipe away smudges, streaks, and fingerprints and help maintain optimal screen clarity with the HP Tablet Cleaning Kit.⁴



Technical Specifications

Docking Stations

HP Advanced Wireless Docking Station¹

Unpackaged Dimensions (W x D x H) 3.35 x 3.35 x 3.43 in (8.5 x 8.5 x 8.7 cm)

Weight 0.92 lb (0.42 kg)

Stand-alone power requirements

Normal Operating Voltage 18.5 V Average Operating Power 18.5 W Max Operating Power < 45 W

Temperature

Operating 32° to 95° F (0° to 35° C) (not writing optical)

Non-operating 4° to 140° F (-20° to 60° C)

Relative humidity

Operating 10% to 90%, non-condensing

Non-operating 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature

Altitude (unpressurized)

Operating -50 to 10,000 ft (-15.24 to 3,048 m) Non-operating -50 to 40,000 ft (-15.24 to 12,192 m)

Shock

Operating 40 G, 2 ms, half-sine Non-operating 240 G, 2 ms, half-sine

Random vibration

Operating 0.251-1.043 g

Non-operating 3.50 g

Option kit contents HP Wireless Dock, AC power adapter, documentation

HP Elite 65W Thunderbolt 3 Dock

Dimensions (H x W x D) 9.06 x 2.24 x .69 in

230 x 57 x 17.5 mm(w/ feet)

Weight .5 lbs (220-227g)

Stand-alone power requirements

Normal Operating Voltage 19.7V
Average Operating Power 0.368W
Max Operating Power 65W
Temperature 50 – 60 Hz

Operating 32° to 95° F (0° to 35° C) Non-operating 4° to 140° F (-20° to 60° C)

Relative humidity

Operating 10% to 90%, non-condensing

Non-operating 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature

Altitude



Technical Specifications

Operating -50 to 10,000 ft (-15.24 to 3,048 m)

Non-operating -50 to 40,000 ft (-15.24 to 12,192 m)

Shock

Operating 125 G, 2 ms, half-sine Non-operating 200 G, 2 ms, half-sine

Random vibration

Operating 0.75 g Non-operating 1.50 g

Option kit contents HP Elite 65W TB3 Dock, Thunderbolt/AC power cable, 65W AC Adapter and

documentation

HP Elite USB-C Docking Station

Dimensions (H x W x D) 6x2.76x0.77 in

152.4x70x19.6 mm

Weight 0.66 +/-0.4lbs (300+/-20g)

Stand-alone power requirements

Normal Operating Voltage 19.5V Average Operating Power 55 W Max Operating Power 62 W

Temperature

Operating 32-104 F (0-40 C)

Non-operating -40 to 158 F (-40 to +70C)

Relative humidity

Operating 5%- 95% RH , non-condensing

Non-operating 90% RH, 84.2F (29° C) maximum wet bulb temperature

Altitude

Operating 10000 ft (3048 m) Non-operating 30000 ft (9144 m)

Shock

Operating 40 G, 2 ms, half-sine Non-operating 240 G, 2 ms, half-sine

Random vibration

Operating 0.21 grms, 5 to 500 Hz, 1 hour per axis (X,Y,Z)
Non-operating 2.09 grms, 5 to 500 Hz, 1 hour per axis (X,Y,Z)

Option kit contents HP Elite USB-C Docking Station, AC power cable, 65W A/C adapter, Documentation.

Technical Specifications

Adapters

HP USB Type-C™ to USB 3.0 Adapter

System RequirementsWINXP/WIN7/WIN8Cable length14.09 cm (5.54 in)Weight (approx.)1.18 kg (2.59 pd)Conversion technologyType-C™ to USB3.0Connector typeType-C™/Type-A

Industry standard certifications BC1.2 charge, Bus Power 5V/1.5A output CE/FCC&IC/BSMI/VCCI/C-tick(RCM)/UL&cUL

Color Black

Option kit contents HP Type-C[™] to USB 3.0 Adapter, documentation

HP USB Type-C™ to HDMI Adapter

Host Interface USB Type-C™

Device interface HDMI 1.4a compliant

Connectors Video output: HDMI female Connecter

Host input: USB Type-C™ male Connecter

Supported Resolutions 4K x 2K @ 30Hz

Operating Temperature $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$ Storage Temperature $0^{\circ}\text{C} \sim 85^{\circ}\text{C}$

System Requirements Microsoft Windows 7 with Service

Pack 1 (32-bit or 64-bit), Windows 8,

Windows 10

Dimensions (H x W x L) Unpackaged: 0.43 x 0.98 x 5.90 in

(11 x 25 x 150 mm)

Weight Unpackaged: 0.89 oz (25.4 g)

Environmental ROHS, REACH, WEEE

Option kit contents HP USB Type-C[™] to HDMI Adapter, documentation

Compatibility HP Pro Tablet 608 G1

HP USB Type-C™ to VGA Adapter

Host Interface USB Type-C™

Device interface VGA

Connectors Video output: VGA female Connecter

Host input: USB Type-C™ male Connecter

Supported Resolutions 2560 x 1600@60Hz (HBR2)

Operating Temperature 0°C ~ 40°C **Storage Temperature** 0°C ~ 85°C

System Requirements Microsoft Windows 7 with Service

Pack 1 (32-bit or 64-bit), Windows 8,

Windows 10

Dimensions (H x W x L) Unpackaged: 0.51 x 1 x 5.90 in

(13 x 25.5 x 150 mm)



Technical Specifications

Weight Unpackaged: 0.84 oz (23.9 g)

Environmental ROHS, REACH, WEEE

Option kit contents HP USB Type-C[™] to VGA Adapter, documentation

Compatibility HP Pro Tablet 608 G1

HP USB Type-C™ to DisplayPort Adapter

Host Interface USB Type-C™ **Device interface** DisplayPort

Connectors

Video output: DisplayPort female Connecter

Host input: USB Type-C™ male Connecter

Supported Resolutions $4K \times 2K @ 30Hz$ Operating Temperature $0^{\circ}C \sim 40^{\circ}C$ Storage Temperature $0^{\circ}C \sim 85^{\circ}C$

System Requirements Microsoft Windows 7 with Service

Pack 1 (32-bit or 64-bit), Windows 8,

Windows 10

Dimensions (H x W x L) Unpackaged: 0.6 x .93 x 7.09 in

(15.2 x 23.6 x 180 mm)

Weight Unpackaged: 1.14 oz (32.3 g)

Environmental ROHS, REACH, WEEE

Option kit contents HP USB Type-C[™] to DisplayPort Adapter, documentation

Compatibility HP Pro Tablet 608 G1

HP 45W USB-C™ Power Adapter

Dimensions 66x 66 x 28.5 mm

2.6x2.6x1.1in

Input Efficiency 78.71% min at 115V/230V(option) @5V/2A

87.41% min at 115V/230V(option) @12V/3A 87.73% min at 115V/230V(option) @15V/3A

Input frequency range 47 to 63 Hz

Input AC current 1.4 A at 90 VAC and maximum load

 Output power
 45W max

 DC output
 5V/12V/15V

Hold-up time 5msec at 115 VAC input

Output current limit < 5A

Over voltage protection: 5V less than 7.25V 12V less than 16.85V 15V less than 20.5V

Connector 3 pin/grounded, mates with type-C connector

Environmental Design

Operating temperature 0° to 35° C Non-operating (storage) temperature -20° to 85° C Altitude 0 to 5,000 m



Technical Specifications

Humidity0% to 95%Storage Humidity0% to 95%

Safety Certifications CE Mark - EMC directives; Worldwide safety standards - IEC60950, EN60950,

UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE; Reliability - failure rate of

less than 0.1% annually within the first three years of operation.

HP 45W USB-C™ Auto Adapter

HP Notebook, Tablet or Phone USB-C port via adapter captive USB-C cable

Power source interface Car cigarette lighter socket(12~24V/ at least 75W)

Output power Maximum 45W

DC output 15V/3A,12V/3A,10V/3A,9V/3A,5V/3A at USB-C, 5V/0.9A at USB-A

Maximum current 3A (Static loading)

Additional Connector Interface USB-A 3.0 port (USB 3.0 data and power output)

Operating Temperature 0° to 35°C @ <45W power output; 35° to 55°C @ <20W power output,

Storage Temperature -20° to 85°C, 5% ~ 95% RH, non-condensing

 Altitude
 0 to 10,000 ft (0 to 3,048 m)

 Non-operating altitude
 0 to 50,000 ft (0 to 15,240 m)

System Requirements Windows 10

Weight Unpackaged: 3.82 oz (108.4 g)

Environmental EMC RoHS

Box contents HP 45W USB-C Auto Adapter, Double adhesive accessory, WW Warranty Card, QSP,

Product Notice

Compatibility HP Elite x3, HP Elite x3 Lap Dock, HP Elite x2 1012 G1, HP EliteBook Folio G1



Technical Specifications

Input/Output

HP Elite x2 1012 Travel Keyboard

Dimensions (H x W x D) 11.83 x 8.65 x .24 in (300 x 219.3 x 6.1 mm)

Weight .85 lb (385 g)

Operating Humidity 10%-90%

Operating Temperature -15°C - 55°C

Outer material Dark Grav Microfiber

Inner materialDark Gray Microfiber and PlasticOption kit contentsKeyboard and documentation

Compatibility HP Elite x2 1012 G1

HP Elite x2 1012 Advanced Keyboard

Dimensions (H x W x D) 11.83 x 8.65 x .34 in (300 x 219.3 x 8.65 mm)

Weight .99 lb (450 g) Operating Humidity 10%-90% Operating Temperature $-15^{\circ}\text{C} - 55^{\circ}\text{C}$

Outer material Dark Gray Microfiber

Inner materialDark Gray Microfiber and PlasticOption kit contentsKeyboard and documentation

Compatibility HP Elite x2 1012 G1

HP Active Pen with App Launch

Dimensions (L x W) 5.79 x .37 in (147.29 x 9.5 mm)

Weight 0.61 oz (17.5 g)

Tip Diameter 1 mm

Power One AAAA battery + 2 Li Ion coin cell batteries

Buttons Yes, 3

Pressure Sensitivity Yes (2048 levels)

Tilt Operation Yes
Palm Rejection Yes
Hover Reading Height 8mm+

Operating Temperature 5° to 40° C (41° F – 104° F)

Operating Humidity 30 - 80 %

Storage Temperature -10 to 55°C (14° F – 131° F)

Storage Humidity 30 - 80 % Pen technology Wacom

System Requirements Windows 8.1, Windows 10

Color Silver/Grey

Option kit contents HP Active Pen with App Launch, AAAA battery, lanyard, 3 replacement tips, replacement

tip tool, 2 replacement pen loops, documentation

Compatibility HP Elite x2 1012 G1



Technical Specifications

Cases

HP Elite Top Load Colombian Leather Case

Dimensions (W x H x D) 15.5 x 10.5 x 3.0 in (394 x 267 x 76 mm) **Weight** 2.5 lbs (1.13 kg) w/shoulder strap

Materials Columbian Leather & Nickel hardware w/ Gunmetal finish

Compatibility Padded compartment inside compatible for up to 14" mobile platforms

Security RFID-blocking pocket

Country of origin China

Option kit contents HP Elite Top Load Leather Case, documentation

HP Elite Top Load Herringbone Nylon Case

Dimensions (W x H x D)15.5 x 10.5 x 3.0 in (394 x 267 x 76 mm)Weight1.7 lbs (0.77 kg) w/shoulder strapMaterialsHerringbone Nylon and Vegan Leather

Compatibility Padded compartment inside compatible for up to 14" mobile platforms

Security RFID-blocking pocket

Country of origin China

Option kit contents HP Top Load Nylon Case, documentation

HP x2 1012 Protective Case

Dimensions (W x H x D) 12 x 8.6 x .57 in (306 x 219.6 x 14.6 mm)

Shoulder strap dimensions Length Adjustable 41.7 – 67.7 in (106 – 172 cm)

Width 2.2 in (5.6 cm)
Thickness .23 in (6 mm)
Protective Case 10 oz (298 g)
Shoulder Strap w/buckle 2.1 oz (60 g)

Hand Strap .6 oz (17.5 g)

Case materials Polycarbonate (PC)

Polyurethane (PU)

Compatibility HP Elite x2 1012 G1 Tablet

HP Elite x2 1012 G1 Tablet with Travel Keyboard

Country of origin

Weight

Option kit contents Protective Case, Shoulder Strap, Hand Strap, documentation



Technical Specifications

Power

HP USB-C™ to USB 3.0 and 4.5mm Power Adapter

Dimensions (L x W x H) 7.12 x 2.80 x 0.74 in (18.07 x 7.10 x 1.87 cm)

Weight 8.64 ounces (245 g)

Connectors I/O Port Description Quantity

Input3mm DC jack1Input4.5mm DC Jack1OutputType C PD cable connector1

LEDs None

Environmental Design Non-operating mode

Transportation & Storage -40 to +70 °C for 72 hours

Test Time of 4 hours

Temperature Gradient: 20°C/ hour Min.

Humidity 50%

Operating mode +0 to +40 °C

Test Time of 4 hours

Temperature Gradient: 20°/ hour

Humidity 50%

EMI and Safety Certifications USB IF

Option kit contents Adapter and documentation

Security

HP Tablet Master Cable Lock

Cable Length 6 ft (183cm)
Cable Break Point >= 1,000 lbs

Swivel Head 3 dimensions (360 degree for lock head and cable. 90 degree for cable angle)

Lock Slot Wedge **Key Cylinder** Tubular

Material Zinc Alloy for lock body, stainless steel for tip, galvanized steel cable with PVC coating

Locking OperationInsert KeyPackagingBrown envelope

Option kit contents Lock, cable and documentation



Technical Specifications

HP Elite x2 Privacy Screen

Dimensions 295.2 x 208.65 mm

Net Weight22 gWeight with Complete Package148 g

Mechanical

Functional film thickness 290 um Release film 38 um

Property

Viewing angle 60 degrees
Light transmittance 68%
Thickness .29 mm

Environmental testing

Heat resistance 65° C, 240 hrs Cold resistance -30° C, 240 hrs

Humidity resistance 40° C x 90% relative humidity, 240 hrs Thermal shock $(-20^{\circ}$ C x 1 hr -60° C x 1 hr) x 5 times



Technical Specifications

Miscellaneous

HP Ultraslim Tablet Sling up to 12"

Dimensions (H x W x D) 12.8 x 8.9 x .98 in (32.5 x 22.6 x 2.5 cm)

Weight .71 lbs (.32 kg)

Option kit contents Sling and documentation

HP Ultra Mobile Wireless Mouse

Dots per inch (DPI) 1200

Connectivity 2.4 GHz, Link 5

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 3.25 oz (92 g)

Windows XP, Vista, Windows 7, Windows 8, Windows 10, Mac OSX, and

Android

Option kit contentsHP Ultra Mobile Wireless Mouse, two AA batteries and documentation

HP Tablet Cleaning Kit

Dimensions 6.30 x 2.17 x 2.17 in (160 x 55 x 55 mm)

Weight .49 lb (225 g)

Materials Plastic Spray bottle

Microfiber cleaning cloth PVC Carrying pouch

Option kit contents Cleaning gel in spray bottle

Double-sided cleaning cloth

Carrying pouch
Documentation

Compatibility HP Tablets and Notebooks

Service and support

Each accessory carries a one-year limited warranty. Technical support is available seven days a week, 24 hours a day, by phone, as well as online support forums. Certain restrictions and exclusions apply.

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Technical Specifications

Footnotes

- 1. The WiGig-compatible notebook or tablet must be positioned within 1.2 m (4 ft) and without obstruction in the line of sight of the wireless dock. HP Advanced Wireless Docking1 is compatible with the HP Elite x2 1012 G1 with an optional installed Intel® Tri Band Wireless AC with WiGig Combo card available at the time of purchase.
- 2. Your tablet must support Thunderbolt 3 to enable the docking station. Docking station, and monitor must all support USB-C, USB 3.0 and DisplayPort 1.2 to benefit from the advanced speeds or features that these technologies provide. If one of the devices does not support these technologies, you will still have USB 2.0 and DisplayPort 1.1 functionality.
- 3. The keyboard is only compatible with HP Elite x2 1012 G1, sold separately. Not intended for use on antimicrobial treated screens.
- 4. Not intended for use on antimicrobial treated screens.
- 5. Important: Drawing or writing on your HP Elite x2 with the pen while the HP Elite x2 Privacy Screen is installed may cause excessive pen tip wear. Pen use for writing or drawing while using the privacy screen is not recommended.



Change Log

Date of change:	Version History:	Action	Description of change:
December 1, 2015	From v1 to v2	Deleted	HP USB-C to RJ54/USB 3.0/USB-C
January 20, 2015	From v2 to v3	Added	HP 45W USB-C™ Power Adapter
February 11, 2016	From v3 to v4	Added	Footnotes
March 2, 2016	From v4 to v5	Added	HDMI 1.4a compliant to HP USB-C to HDMI Adapter
March 10, 2016	From v5 to v6	Added	HP Elite x2 Privacy Screen
March 18, 2016	From v6 to v7	Added	Privacy Screen Statement and footnote
April 21, 2016	From v7 to v8	Added	Privacy Screen dimensions and weight
October 25, 2016	From v8 to v9	Added	HP 45W USB-C™ Auto Adapter specs
December 13, 2016	From v9 to v10	Updated	HP Active Pen with App Launch section updated

