

### Overview

## HP Elite x2 1012 G2 Accessories

### Docking Stations

HP Elite USB-C™ Docking Station G2	X7W54AA
HP Elite USB-C Dock G3	2DW60AA
HP USB-C™ Travel Hub	Z9G82AA

### Adapters

HP USB Type-C™ to VGA Adapter	N9K76AA
HP USB Type-C™ to DisplayPort Adapter	N9K78AA
HP USB Type-C™ to HDMI Adapter	N9K77AA
HP 45W USB-C™ Auto Adapter	Z3Q87AA
HP USB-C™ to HDMI 2.0 Adapter	1WC36AA

### Input/Output

HP Elite x2 1012 G2 Collaboration Keyboard	1FV39AA
HP Active Pen with App Launch	T4Z24AA

### Cases

HP Elite x2 1012 G2 Protective Case	1HM07AA
-------------------------------------	---------

### Security

HP Nano Dual Head Keyed Cable Lock	1AJ41AA
HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Master Keyed Cable Lock	1AJ40AA

### Technical Specifications

## Docking Stations

### HP Elite USB-C™ Docking Station G2

<b>Dimensions (H x W x D)</b>	6x2.76x0.77 in (152.4x70x19.6 mm)
<b>Weight</b>	0.66 +/-0.4lbs (300+/-20g)
<b>Power requirements</b>	Normal Operating Voltage: Min: 19.5V Average Operating Power: 0.5 W Max Operating Power: 1 W
<b>Temperature</b>	Operating: 32-104 F (0-40 C) Non-operating: -40 to 158 F (-40 to +70C)
<b>Relative humidity</b>	Operating: 5%- 95% RH , non-condensing Non-operating: 90% RH, 84.2F (29° C) maximum wet bulb temperature
<b>Random vibration (Operating):</b>	0.21 grms
<b>Random vibration (Non-operating):</b>	2.09 grms
<b>Option kit contents</b>	HP Elite USB-C Docking Station G2, AC power cable, 65W A/C adapter, HP USB Type A to Type C Adapter, Tether, Documentation.

### HP Elite USB-C Dock G3

<b>Dimensions (H x W x D)</b>	7.79 x 2.71 x 0.87 in (198 x 69 x 22 mm)
<b>Weight</b>	0.769 lbs (0.355 kg)
<b>Resolution<sup>1,2</sup></b>	Single display: up to 4096x2160 @ 60Hz Dual display: up to 2560x1600 @ 60Hz Triple display: up to 1920x1200 @ 60Hz
<b>Front components</b>	One USB 3.0 port <sup>2</sup> USB-CTM port <sup>2</sup> connects to other peripherals Combo audio jack connects to headphone HI-RES button with LED backlight -- used to support higher display resolutions
<b>Side / rear components</b>	Smart AC adapter One powered USB 3.0 port <sup>2</sup> Two USB 2.0 ports Gigabit Ethernet port <sup>2</sup> One HDMI 2.0 port Two DisplayPort ports One USB-CTM port <sup>3</sup> connects to computers Kensington lock slot
<b>Normal operating power</b>	90W
<b>Average operation power 65W</b>	Average operation power 65W
<b>Max operating power 100W</b>	Max operating power 100W
<b>Power Delivery (PD) profile</b>	USB-CTM PD 3.0 supporting 5V/3A, 9V/3A,10V/3A, 12V/3A, 15V/3A and 20V/3A
<b>Temperature (operating)</b>	32 to 104 F (0 to +40C)
<b>Relative humidity (operating)</b>	0%~90%RH
<b>Altitude (operating)</b>	10000 ft (3048m)

### Technical Specifications

<b>Shock (operating)</b>	40G, 2ms duration, half-sine wave shock
<b>Random vibration (operating)</b>	1.043 g
<b>Operating Systems</b>	Windows 10, Windows 10 mobile
<b>Option kit contents</b>	HP Elite USB-C Dock G3, AC power cable, 90W A/C Adapter, USB-C (1m) cable, documentation

1. Higher resolutions at 60Hz supported using the Display "Hi-Res" button to enable 4-lane DisplayPort mode.
2. USB ports operate at USB 2.0 speed and the Gigabit NIC functions at 10/100 speeds when the dock is in 4-lane DisplayPort mode.
3. Supports DisplayPort™ Alt Mode (video, charging and USB 3.1) over the USB-C™ connector. Also compatible with USB Type-C™ Thunderbolt enabled ports.

### HP USB-C™ Travel Hub

<b>Dimensions (H x W x D)</b>	4.38 x 1.74 x 0.67in (111.2 x 44.2 x 17.1mm)
<b>Weight</b>	.176 lbs (.08kg)
<b>Cable</b>	40cm USB-C cable <sup>1</sup>
<b>Power requirements<sup>2</sup></b>	Min: 5V/0.5A Max: 20V/2.8A
<b>Ports</b>	HDMI <sup>3</sup> VGA <sup>3</sup> Two USB 2.0 USB-C power in
<b>Operating systems supported</b>	Windows 10, Windows 10 Mobile
<b>Option kit contents</b>	HP USB-CTM Travel Hub and documentation

1. Supports multi-function USB-C™ (video, charging, and USB) and USB Type-C™ Thunderbolt-enabled ports.
2. Power adapter not included.
3. Supports a single display up to 2048x1152 @ 60Hz (single lane, 5.4Gbps/lane), 2048x1152 @ 60Hz (two lanes, 2.7 Gbps/lane), or 2560x1600 @ 60Hz (two lanes, 5.4Gbps/lane).

### Adapters

#### HP USB Type-C™ to HDMI Adapter

<b>Host Interface</b>	USB Type-C™
<b>Device interface</b>	HDMI 1.4a compliant
<b>Connectors</b>	Video output: HDMI female Connector Host input: USB Type-C™ male Connector
<b>Supported Resolutions</b>	4K x 2K @ 30Hz
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	0°C ~ 85°C
<b>System Requirements</b>	Microsoft Windows 7 with Service Pack 1 (32-bit or 64-bit), Windows 8, Windows 10
<b>Dimensions (H x W x L)</b>	Unpackaged: 0.43 x 0.98 x 5.90 in (11 x 25 x 150 mm)
<b>Weight</b>	Unpackaged: 0.89 oz (25.4 g)

### Technical Specifications

<b>Environmental</b>	ROHS, REACH, WEEE
<b>Option kit contents</b>	HP USB Type-C™ to HDMI Adapter, documentation

### HP USB Type-C™ to VGA Adapter

<b>Host Interface</b>	USB Type-C™
<b>Device interface</b>	VGA
<b>Connectors</b>	Video output: VGA female Connector Host input: USB Type-C™ male Connector
<b>Supported Resolutions</b>	2560 x 1600@60Hz (HBR2)
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	0°C ~ 85°C
<b>System Requirements</b>	Microsoft Windows 7 with Service Pack 1 (32-bit or 64-bit), Windows 8, Windows 10
<b>Dimensions (H x W x L)</b>	Unpackaged: 0.51 x 1 x 5.90 in (13 x 25.5 x 150 mm)
<b>Weight</b>	Unpackaged: 0.84 oz (23.9 g)
<b>Environmental</b>	ROHS, REACH, WEEE
<b>Option kit contents</b>	HP USB Type-C™ to VGA Adapter, documentation

### HP USB Type-C™ to DisplayPort Adapter

<b>Host Interface</b>	USB Type-C™
<b>Device interface</b>	DisplayPort
<b>Connectors</b>	Video output: DisplayPort female Connector Host input: USB Type-C™ male Connector
<b>Supported Resolutions</b>	4K x 2K @ 30Hz
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	0°C ~ 85°C
<b>System Requirements</b>	Microsoft Windows 7 with Service Pack 1 (32-bit or 64-bit), Windows 8, Windows 10
<b>Dimensions (H x W x L)</b>	Unpackaged: 0.6 x .93 x 7.09 in (15.2 x 23.6 x 180 mm)
<b>Weight</b>	Unpackaged: 1.14 oz (32.3 g)
<b>Environmental</b>	ROHS, REACH, WEEE
<b>Option kit contents</b>	HP USB Type-C™ to DisplayPort Adapter, documentation

### HP 45W USB-C™ Auto Adapter

<b>Host interface</b>	HP Notebook, Tablet or Phone USB-C port via adapter captive USB-C cable
<b>Power source interface</b>	Car cigarette lighter socket(12~24V/ at least 75W)
<b>Output power</b>	Maximum 45W

### Technical Specifications

<b>DC output</b>	15V/3A, 12V/3A, 10V/3A, 9V/3A, 5V/3A at USB-C, 5V/0.9A at USB-A
<b>Maximum current</b>	3A (Static loading)
<b>Additional Connector Interface</b>	USB-A 3.0 port (USB 3.0 data and power output)
<b>Operating Temperature</b>	0° to 35°C @ <45W power output; 35° to 55°C @ <20W power output,
<b>Storage Temperature</b>	-20° to 85°C, 5% ~ 95% RH, non-condensing
<b>Altitude</b>	0 to 10,000 ft (0 to 3,048 m)
<b>Non-operating altitude</b>	0 to 50,000 ft (0 to 15,240 m)
<b>System Requirements</b>	Windows 10
<b>Weight</b>	Unpackaged: 3.82 oz (108.4 g)
<b>Environmental</b>	EMC RoHS
<b>Option kit contents</b>	HP 45W USB-C Auto Adapter, Double adhesive accessory, WW Warranty Card, QSP, Product Notice
<b>Compatibility</b>	HP Elite x3, HP Elite x3 Lap Dock, HP x2 1012 G1, HP x2 1012 G2, HP x2 612 G2 and HP x2 210 G2

### HP USB-C™ to HDMI 2.0 Adapter

<b>Host Interface</b>	USB Type-C™
<b>Device interface</b>	HDMI 2.0a compliant
<b>Connectors</b>	Video output: HDMI female Connector Host input: USB Type-C™ male Connector
<b>Supported Resolutions</b>	4K x 2K @ 60Hz
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	-20°C ~ 60°C
<b>Operating Systems</b>	Windows 10, Windows 10 Mobile, Chrome OSTM, Android
<b>Dimensions (H x W x L)</b>	Unpackaged: 0.43 x 0.98 x 5.90 in (11 x 25 x 150 mm)
<b>Weight</b>	Unpackaged: 1.09 oz (31 g)
<b>Environmental</b>	ROHS, REACH, WEEE
<b>Option kit contents</b>	HP USB Type C™ to HDMI 2.0 Adapter, warranty and documentation

### Input/Output

#### HP Elite x2 1012 G2 Collaboration Keyboard

<b>Dimensions (H x W x D)</b>	11.83 x 9.05 x .20 in (300 x 229.84 x 5.0 mm)
<b>Weight</b>	.78 lb (353 g)
<b>Operating Humidity</b>	10%-90%
<b>Operating Temperature</b>	-15°C - 55°C
<b>Outer material</b>	Black PU
<b>Inner material</b>	Black PU and Plastic
<b>Option kit contents</b>	Keyboard and documentation

#### HP Active Pen with App Launch

<b>Dimensions (L x W)</b>	5.79 x .37 in (147.29 x 9.5 mm)
---------------------------	---------------------------------

### Technical Specifications

<b>Weight</b>	0.61 oz (17.5 g)
<b>Tip Diameter</b>	1 mm
<b>Power</b>	One AAAA battery + 2 Li Ion coin cell batteries
<b>Buttons</b>	Yes, 3
<b>Pressure Sensitivity</b>	Yes (2048 levels)
<b>Tilt Operation</b>	Yes
<b>Palm Rejection</b>	Yes
<b>Hover Reading Height</b>	8mm+
<b>Operating Temperature</b>	5° to 40° C (41° F – 104° F)
<b>Operating Humidity</b>	30 - 80 %
<b>Storage Temperature</b>	-10 to 55°C (14° F – 131° F)
<b>Storage Humidity</b>	30 - 80 %
<b>Pen technology</b>	Wacom
<b>System Requirements</b>	Windows 8.1, Windows 10
<b>Color</b>	Silver/Grey
<b>Option kit contents</b>	HP Active Pen with App Launch, AAAA battery, lanyard, 3 replacement tips, replacement tip tool, 2 replacement pen loops, documentation

### Cases

#### HP Elite x2 1012 G2 Protective Case

<b>Dimensions (W x H x D)</b>	14.33×12.91×1.57 in (364×328×40 mm)	
<b>Shoulder strap dimensions</b>	Length	Adjustable 41.7 – 67.7 in (106 – 172 cm)
	Width	2.2 in (5.6 cm)
	Thickness	.23 in (6 mm)
<b>Weight</b>	Protective Case	.66 lb (.317 kg)
	Shoulder Strap w/buckle	.158 lb (.0756 kg)
	Hand Strap	.031 lb (.0153 kg)
<b>Case materials</b>	Polycarbonate (PC) Thermoplastic Elastomer (TPE)	
<b>Option kit contents</b>	Protective Case, Shoulder Strap, Hand Strap, Documentation	

### Security

#### HP Nano Dual Head Keyed Cable Lock

<b>Cable Length</b>	6 ft (183cm)
<b>Cable Break Point</b>	>= 850 lbs
<b>Swivel Head</b>	2 dimensions (360 degree for cable ring. 180 degree for cable angle)
<b>Lock Slot</b>	Nano and Tbar
<b>Key Cylinder</b>	Tubular
<b>Material</b>	Zinc Alloy for lock body, stainless steel for tip, galvanized steel cable with PVC coating

### Technical Specifications

<b>Locking Operation</b>	Insert Key
<b>Packaging</b>	Brown envelope
<b>Option kit contents</b>	Nano Lock, Tbar Lock, cable, keys and documentation

### HP Nano Keyed Cable Lock

<b>Cable Length</b>	6 ft (183cm)
<b>Cable Break Point</b>	>= 850 lbs
<b>Swivel Head</b>	2 dimensions (360 degree for cable ring. 180 degree for cable angle)
<b>Lock Slot</b>	Nano
<b>Key Cylinder</b>	Tubular
<b>Material</b>	Zinc Alloy for lock body, stainless steel for tip, galvanized steel cable with PVC coating
<b>Locking Operation</b>	Insert Key
<b>Packaging</b>	Brown envelope
<b>Option kit contents</b>	Nano Lock, cable, keys and documentation

### HP Nano Master Keyed Cable Lock

<b>Cable Length</b>	6 ft (183cm)
<b>Cable Break Point</b>	>= 850 lbs
<b>Swivel Head</b>	2 dimensions (360 degree for cable ring. 180 degree for cable angle)
<b>Lock Slot</b>	Nano
<b>Key Cylinder</b>	Tubular
<b>Material</b>	Zinc Alloy for lock body, stainless steel for tip, galvanized steel cable with PVC coating
<b>Locking Operation</b>	Insert Key
<b>Packaging</b>	Brown envelope
<b>Option kit contents</b>	Nano Lock, cable, keys and documentation

### 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.

---

© Copyright 2018 HP Development Company, L.P.

Bluetooth is a trademark owned by its proprietor and used by Hewlett Packard Company under license.

USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

### *Technical Specifications*

Microsoft and Windows are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries.

The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.



### Change Log

<b>Date of change:</b>	<b>Version History:</b>	<b>Action</b>	<b>Description of change:</b>
July 7, 2017	V1 to V2	Added	Added HP USB-C™ to HDMI 2.0 Adapter
March 9, 2018	V2 to V3	Added	Compatibility for HP USB-C Auto Adapter