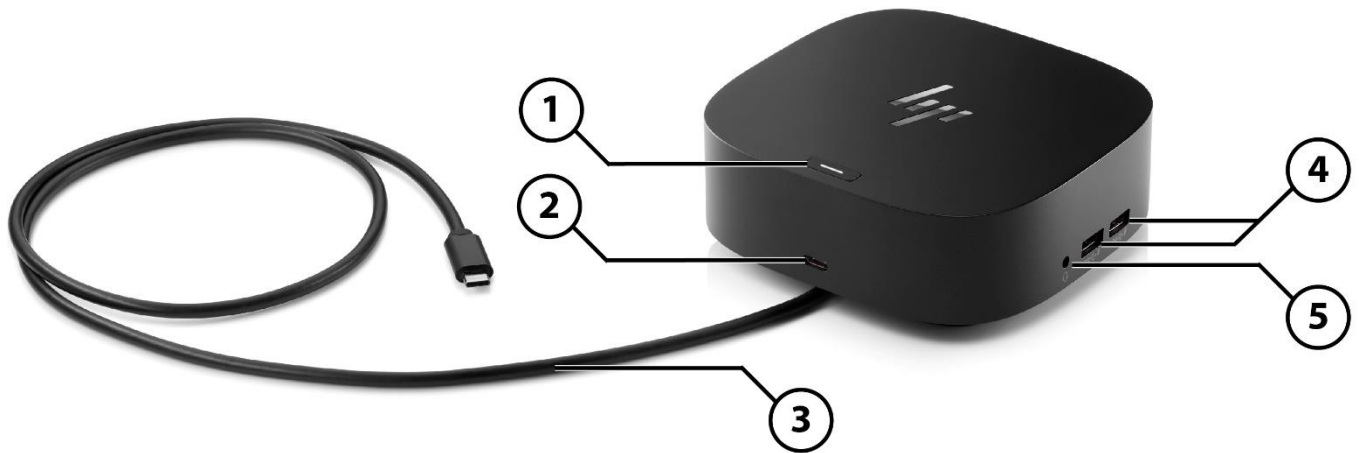


Overview

HP USB-C G5 Essential Dock



Front and Side View

1. (1) LED power button
2. (1) USB-C® port with data and power out (15W)
3. (1) USB-C® cable to connect to host system (power delivery up to 65W)
4. (2) USB-A 3.0 Gen 1 charging ports
5. (1) Combo audio jack

Overview

HP USB-C G5 Essential Dock



Back View

- | | | | |
|----|------------------------------------|----|-------------------|
| 1. | (2) USB-A 3.0 Gen 1 charging ports | 4. | (1) HDMI 2.0 port |
| 2. | (2) DisplayPort™ 1.4 ports | 5. | (1) RJ45 port |
| 3. | (1) Standard lock slot | | |

Overview

HP USB-C G5 Essential Dock



Bottom View

1. (1) Insert 4.5 mm barrel from included 120W power supply.

Technical Specifications

Components

Part number	72C71AA
Product dimensions (LxWxH)	4.80 x 4.80 x 1.77 in (122 x 122 x 45 mm)
Package dimensions (LxWxH)	7.63 x 6.18 x 6.57 in (194 x 157 x 167 mm)
Weight	1.49 lb (0.68 kg)
Top components	Mechanical power button with LED indicator
Front components	1 x USB-C cable to connect to host system (power delivery up to 65W) 1 x USB-C port with data and power out (15W)
Side components	2 x USB-A 3.0 Gen 1 charging ports 1 x Combo audio jack
Back components	2 x USB-A 3.0 Gen 1 charging ports 2 x DisplayPort 1.4 ports 1 x RJ45 port 1 x HDMI 2.0 port 1 x standard lock slot
External monitor support	3 displays is the maximum displays supported, depending on the capabilities of the host machine. Triple 4K displays requires a DP 1.4 machine with DSC ¹ in high res mode. 3 rd 4K display will operate @ 30Hz.
Power to system	Up to 65W via USB-C® (up to 65W on non HP machines) Separate AC power needed for HP ZBooks that require more than 65W power delivered via USB-C alt mode.
Cable length	1.0 m
Network Manageability	PXE Boot, connected firmware updates, LAN/WLAN switching
Power to host (USB-C PD)	5V, 9V, 10V, 12V, 15V, 20V all at 5A MAX
Operating systems¹	Win 11 MacOS Linux ThinPro 8.0
Power Adapter	120W ²
Power Barrel Connector	4.5mm
What's in the box	HP USB-C G5 Essential Dock, 120W power adapter, power cord, Quick Setup Poster, Warranty Card, Product Notice.

1. The Display Stream Compression (DSC) supported version and color format depends on graphics capability. Display Stream Compression (DSC) is disabled when display is attached to the VGA port or to an external DP2 VGA dongle.

2. Cannot use any wattage below 120W. Only 120W or above. More wattage does not provide more power to the system.

Technical Specifications

Video Resolution *(Continue on the next page)*

Video resolution and support is dependent on the maximum capability of the notebook.
This table shows which ports to use to achieve the display configuration. You must refer to the next table to see the limitations and requirements to achieve these resolutions.
For Chrome users, dual displays are supported at full HD. Triple displays are only supported on select Chromebox machines.
For Apple users, the maximum display resolution using Apple is one display on a DP 1.4 host at UHD@60Hz.
On an Apple DP 1.2 host you will get QHD~2.5K

	Display Configurations	Output ports
Single Display	(1) 2.5k Display	Any port
	(1) 4k Display	Any port
	(1) 5K single cable*	Either DP port
	(1) 5K dual cable	Both DP ports
	(1) 8K dual cable	Both DP ports
	(1) 8K single cable*	Either DP port
Dual Displays	(2) FHD Displays	Any 2 ports
	(2) 2.5K Displays	Any 2 ports
	(1) 4K and (1) FHD	Any 2 ports
	(2) 4k Displays	Any 2 ports
	(1) 5K single* + 1 FHD	5K on either DP, FHD on any other port
	(1) 5K dual cable + 1 FHD	Both DP ports for 5K and FHD on HDMI
Triple Displays	(3) 1680 x 1050 Displays	All 3 ports
	(3) FHD Displays	All 3 ports
	(2) 2.5K and (1) FHD	Any 3 ports
	(3) 2.5K	All 3 ports
	(1) 4K + (1) 2.5k + (1) FHD	Any 3 ports
	(1) 4k and (2) 2.5k Displays	Any 3 ports
	(2) 4K and (1) FHD	Any 3 ports
	(3) 4K ¹	Any 3 ports
	(2) 5K single cable* and (1) 4K	5K on either DP, 4K on HDMI

*Information provided for when single cable 5K and 8K displays are available on the market.

1. 3rd 4K display operates at 30 Hz.

Technical Specifications

		Video Resolution					
Display Configurations ¹		Host					
		High Res mode DP Alt Mode (DP x4)			Multi-Function (default)(DP x2)		
		DP 1.2	DP 1.3/1.4	DP 1.4w/DSC**	DP 1.2 MF	DP1.3/1.4MF	DP1.4 MF w/DSC**
Single Display	(1) 2.5K Display	Y	Y	Y	Y	Y	Y
	(1) 4K Display	Y	Y	Y		Y	Y
	(1) 5K single cable*		Y	Y			Y
	(1) 5K dual cable	Y (D5)	Y (D5)	Y (D5)			Y (D5)
	(1) 8K dual cable			Y (D5)			
	(1) 8K single cable*			Y			
Dual Displays	(2) FHD Displays	Y	Y	Y	Y	Y	Y
	(2) 2.5K Displays	Y	Y	Y		Y	Y
	(1) 4K and (1) FHD	Y	Y	Y		Y (D3)	Y
	(2) 4K Displays		Y (D1)	Y			Y
	(1) 5K single* + 1 FHD		Y (D4)	Y			Y
	(1) 5K dual cable + 1 FHD			Y (D5)			Y (D5)
Triple Displays	(3) 1680 x 1050 Displays	Y	Y	Y	Y	Y	Y
	(3) FHD Displays	Y	Y	Y		Y	Y
	(2) 2.5K and (1) FHD	Y	Y	Y			Y
	(3) 2.5K		Y	Y			Y
	(1) 4K + (1) 2.5K + (1) FHD		Y	Y			Y
	(1) 4K and (2) 2.5K Displays		Y (D1)	Y			Y
	(2) 4K and (1) FHD			Y			Y (D2)
	(3) 4K			Y			
	(2) 5K single cable* and (1) 4K			Y			

1. Assumes the host supports up to 3 simultaneous displays with no resolution limitations. Some lower power processors may have a resolution limitation.

NOTES:

D1 - Only supports up to 3840 x 2160 (UHD 4K)

D2 - Only supports up to dual 3840 x 2160 (UHD 4K) and 1920 x 1080 (FHD)

D3 - Only supports up to 4096 x 2160 (4K) @ 30Hz

D4 - Supports up to 5120 x 2880 (5K) and 1920 x 1080 (FHD) with reduced blanking timing

D5 - Both DP cables must be connected to the same graphics controller and the graphics driver must support the tile display feature under MST. Currently, no GPU (in 2019) supports tiled 5K and 8K over MST. However, it is possible that future GPUs may add this support.

Unless noted, displays are driven @ 60Hz, 8bpp

*Information provided for when single cable 5K and 8K displays are available on the market.

** The DSC supported version and color format depends on GFX capability. DSC is disabled when display is attached to the VGA port or to an external DP2VGA dongle

FHD = 1920 x 1200 or 1920 x 1080

2.5K = 2560 x 1600 or 2560 x 1440

4K = 4096 x 2160 or 3840 x 2160

5K = 5120 x 2880

Change log

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Date of change:	Version History:	Description of change:
	From v1 to v2	