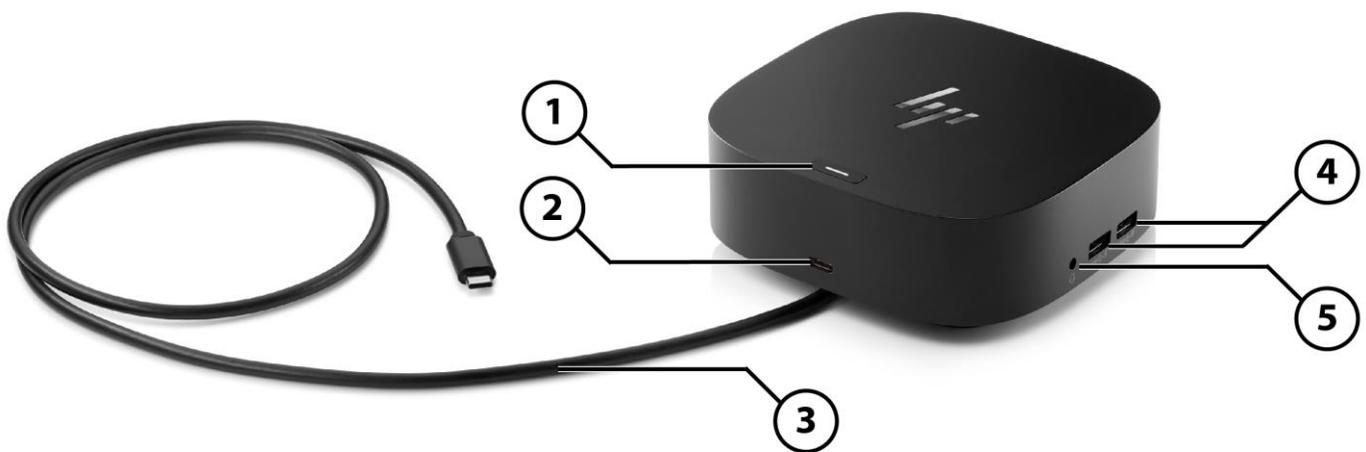


#### HP USB-C Dock G5



#### Front and Side View

- |  |                             |
|--|-----------------------------|
| 1. 1 LED power button  | 4. 2 USB 3.0 charging ports |
| 2. 1 Type-C® USB 3.0 port with data and power out (15W)      | 5. 1 Combo audio jack       |
| 3. 1 USB-C® cable to connect to host system (1 meter length) |                             |

#### HP USB-C Dock G5



#### Back View

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



#### Bottom View

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

### Technical Specifications

| Components                            |   |
|---------------------------------------|---|
| <b>Part number</b>                    | 5TW10AA   |
| <b>Product dimensions (L x W x H)</b> | 4.80 x 4.80 x 1.77 in (122 x 122 x 45 mm)   |
| <b>Package dimensions (L x W x H)</b> | 7.63 x 6.18 x 6.57 in (194 x 157 x 167 mm)  |
| <b>Weight</b>                         | 1.49 lb (0.68 kg)   |
| <b>Top components</b>                 | LED and power button to power or wake host system <sup>1</sup>  |
| <b>Front components</b>               | One Type-C® USB 3.0 port with data and power out (15W)<br>One USB-C® cable to connect to host system (1 meter cable length)   |
| <b>Side components</b>                | Two USB 3.0 charging ports<br>One combo audio jack  |
| <b>Back components</b>                | Two USB 3.0 charging ports<br>Two DisplayPort™ 1.4 ports<br>One RJ45 port<br>One HDMI 2.0 port<br>One standard lock slot  |
| <b>External monitor support</b>       | 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 <sup>2</sup> in high res mode. |
| <b>Power to system</b>                | Up to 100W via USB-C® (up to 75W on non HP machines)  |
| <b>Power to host (USB-C PD)</b>       | 5V , 9V, 10V, 12V, 15V, 20V all at 5A MAX   |
| <b>Operating systems<sup>1</sup></b>  | Win 7<br>Win 10<br>MacOS  |
| <b>Power Supply</b>                   | 120W  |
| <b>Power Barrel Connector</b>         | 4.5mm   |

1. For USB-C® functionality, host PC must support the DisplayPort™ Alt mode protocol through its USB-C® port. Thunderbolt™-enabled notebooks will function at USB-C® speeds. Charging and port replication is supported on notebooks that have implemented USB-C® industry specifications. Power button to turn on or wake the system, Wake-on LAN from warm and cold dock, Wake-on LAN from S4/S5, and MAC Address Pass-Through S0, S3, S4, S5 warm and cold dock features only function on HP or HP-supported notebooks. HP does not provide Ethernet and audio drivers on Mac PCs.

2. 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 DP2 VGA dongle.

#### Video Resolution (Continue on the next page)

**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   |
|-----------------------|------------------------|----------------|
| <b>Single Display</b> | (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  |



### Technical Specifications

|                        |                                 |  |
|------------------------|---------------------------------|--|
|                        | (1) 8K single cable*            | Either DP port                         |
| <b>Dual Displays</b>   | (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   |
| <b>Triple Displays</b> | (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                          | 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.

| Video Resolution       |                                     |                                   |            |               |                                 |             |                  |
|------------------------|-------------------------------------|-----------------------------------|------------|---------------|---------------------------------|-------------|------------------|
|                        | Display Configurations <sup>1</sup> | 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** |
| <b>Single Display</b>  | (1) 2.5K Display                    | Y                                 | Y          | Y             | Y                               | Y           | Y                |
|                        | (1) 4K Display                      | Y                                 | 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             |                                 |             |                  |
| <b>Dual Displays</b>   | (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)           |
| <b>Triple Displays</b> | (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                |



### Technical Specifications

|                                 |  |        |   |  |  |        |
|---------------------------------|--|--------|---|--|--|--------|
| (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