HP USB-C G5 Essential Dock (72C71AA)

Overview

Expand What's Possible

Have everything you need to get the job done with this compact dock that keeps your desk clean. With a single USB-C® cable[1], open your ports to all your accessories, connect up to three high-res displays[2], stable Ethernet connection, and so much more…all while charging your laptop[1]. Clear your desk and clear your mind with this HP USB-C G5 Essential Dock.

Seamless Productivity

Effortlessly go the extra mile with just a single USB-C® cable[1]. This essential dock seamlessly powers and supports 4 USB-A ports for all your accessories, up to 3 high-res displays[2], and stable Ethernet connection—all while delivering 65W of power to your laptop.

Stay up to date

Keep your workforce up-to-date with connected firmware updates for your docking fleet[4].

More Ports, Less Constraints

This essential dock is designed to work with what you're working with[1]. It's compatible with most USB-C® or Thunderbolt™ enabled PCs[3], and its various ports open the way to all your accessories.

Essential Manageability

Make sure your workforce has the IT support they need to be productive with essential manageability features. Manage your docking fleet with full functionality of PXE boot[5], MAC address pass-through[6], Wake on LAN[7], and LAN/WLAN switching.

Features

Connected Firmware Update

IT can manage dock firmware updates while connected to the host PC.[4]

PXE Boot

Boot computers via a network interface, allowing IT to remotely set up an employee's device.[5]

LAN/WLAN Switching

For no interruptions in your connectivity, your dock turns off WLAN antennae automatically when connected to the LAN cable. When unplugged from the LAN cable, your device will automatically switch from wired network connection to Wi-Fi®.

MAC Address Pass-Through

Thanks to MAC address pass-through with full functionality, IT can easily identify and track their notebook fleet when connected through the dock's LAN.[6]

Wake-on-LAN

IT can make system updates and remotely image systems even when the computer is off or in sleep mode.[7]

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[1] For USB-C® alt mode functionality, host PC must support the DisplayPort™ Alt mode protocol through its USB-C® or Thunderbolt™ port. Charging and port replication is supported on notebooks that have implemented USB-C® Alt Mode industry specifications. Power button to turn on or wake the system only functions on HP or HP supported notebooks. PXE Boot functionality will depend on whether the host systems firmware has the EFI driver available. Connected firmware updates require internet connection and your docking station is not useable while updating. HP does not provide Ethernet and audio drivers on Mac PCs.

[2] Supports 3 x FHD @ 60Hz, 2 x QHD @ 60 Hz, 3 x 4K (requires a DisplayPort 1.4 machine with Display Stream Compression. If the system does not support Display Stream Compression, then the system must support DisplayPort 1.4 with high-res mode enabled in the system).

[3] Supported features may vary by operating system and laptop PC.

[4] Connected firmware updates require internet connection and your docking station is not useable while updating.

[5] PXE Boot functionality will depend on whether the host systems firmware has the EFI driver available.

[6] Your laptop PC may support MAC address pass-through from the Off, Sleep or Hibernate States, or only when the computer is On or in Sleep. Certain features are not functional on non-HP supported or non-HP laptop PCs. MAC address pass-through supports S0, S3, S4, S5 from warm and cold dock.

[7] Your laptop PC may support Wake-on-LAN from the Off, Sleep or Hibernate States, or only when the computer is On or in Sleep. Wake-on-LAN is not functional on non-HP supported or non-HP laptop PCs. Wake-on-LAN from warm and cold dock.

Additional specifications

Cable length	1 m
Cable length (imperial)	3.2 ft
Color	Black
Compatibility	Tested and supported on select commercial HP notebooks. For HP notebook compatibility please visit: https://pcb.inc.hp.com/webapp/#!/us-en and search by notebook; Tested and supported on the following 3rd party notebooks: Apple MacBook Pro 13 2022 (M2), Dell Latitude 7430 2022 (12th Gen Intel® Core™), Dell XPS 13 2022 (12th Gen Intel® Core™), Lenovo ThinkPad X1 Carbon Gen 9 2021 (11th Gen Intel® Core™), Lenovo ThinkPad X1 Carbon Gen 10 2022 (12th Gen Intel® Core™).
Compatibility disclaimer 1	Power delivery of 65W via USB-C.
Compatibility disclaimer 2	MAPT, WoL, PxE Boot, WLAN/LAN switching implemented. No disconnected FW updates.
Compatibility disclaimer 3	Rear USB-A charging ports have slower charge.
Compatibility disclaimer 4	LED indicator on power button is on when docked, off when undocked.
Compatibility disclaimer 5	Does not support any adapters less than 120W.
Compatible Operating Systems	Windows 11 21H2; Windows 11 22H2; Windows 10 21H2; Windows 10 22H2; macOS Monterey 12.4 and later; macOS Big Sur 11.6
Connection type	1 front USB Type-C® cable to connect to host system (up to 65 W USB Power Delivery)
Datasheet photo 1	AHID/ee2b1591f30f48dbc2d535ce1d5ccb103b5c62c1
Datasheet photo 2	AHID/5887bce8884327f60bcc745c4ca371c06452c182
Datasheet photo 3	AHID/775a901e27db3af76415ecf719e2d97e6b0721d6
Datasheet photo 4	AHID/a81d90cb8bb1570e3aec6ef8ff73ddfa5de969fa
Display support	For hosts that support DisplayPort™ 1.4 with Display Stream Compression: 3x FHD @ 60 Hz; 3x QHD @ 60 Hz; 3x 4K UHD @ 60 Hz; For hosts that support DisplayPort™ 1.3/1.4: 3x FHD @ 60 Hz; 3x QHD @ 60 Hz; 2x 4K UHD @ 60 Hz; For hosts that support DisplayPort™ 1.2: 3x FHD @ 60 Hz; 2x QHD @ 60 Hz; 1x 4K UHD @ 60 Hz[8]
Displays supported	Triple monitor
Form factor	Compact dock
I/O Port location	Rear
I/O Port location	Front
I/O Port location	Side
Management features	PXE Boot; Wake on LAN (WoL); MAC Address Pass Through (MAPT); LAN/WLAN switching; Connected firmware update[2,3,4,5]
Material	Plastic
Minimum System Requirements	USB Type-C® (USB Power Delivery, Alt Mode DisplayPort™)

Minimum dimensions (W x D x H)	4.80 x 4.80 x 1.77 in
Minimum dimensions (W x D x H)	122 x 122 x 45 mm
Physical security	1 Standard Kensington lock slot[7]
Ports	2 DisplayPort™ 1.4; 1 HDMI 2.0; 1 RJ-45; 2 SuperSpeed USB Type-A 5Gbps signaling rate (charging)
Ports	2 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 combo audio jack
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 15 W USB Power Delivery)
Power	120 W power adapter[6]
Power adapter port	1 x 4.5 mm
Power button type	Mechanical power button with LED indicator to power or wake host system
Power delivery (PD) profiles	12V/5A; 5V/3A; 9V/3A; 15V/4.33A/20V/3.25A
Power to host	Up to 65 W via USB Type-C® (both HP and non-HP host devices)[1]
Product type	Port replicators
UNSPSC code	43211602
UPC number	(AB0) 197029012968; (AB1) 197029012975; (AB2) 197029012982; (ABA) 197029012999; (ABB) 197029013002; (ABG) 197029013019; (ABJ) 197029224927; (ABM) 197029013026; (ABT) 197029013033; (ABU) 197029013040; (ABV) 197029013057; (ABY) 197029013064; (ABZ) 197029013071; (AC4) 197029013088; (AC8) 197029013095; (ACJ) 197029013101; (ACQ) 197029013118; (AR6) 197029997913; (UUF) 197029013125; (UUZ) 197029013132
Weight	1.49 lb
Weight	0.68 kg
What's in the box	HP USB-C G5 Essential Dock; 120 W Power adapter; AC power cord; Quick Setup Poster; Warranty card

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[5] Connected firmware updates require internet connection and your docking station is not useable while updating.

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

[7] Lock sold separately.

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

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