

HP Thunderbolt 4 100W G6 Dock

HP Channel Express

Active

9X472UT

8N

Specifications

All Specs

Cable length	1 m
Cable type	1 back Thunderbolt™ 4 cable to connect to host system (up to 100 W USB Power Delivery)
Cartons per layer	28
Cartons per pallet	5 (air); 10 (ocean)
Certified collaboration software	Intel® Thunderbolt™ 4
Compatibility	Tested and supported on select HP commercial PCs. For HP notebook compatibility please visit - https://pcb.inc.hp.com/webapp/#!/us-en and search by notebook. Tested and supported on select 3rd party PCs. Contact your local sales representative to learn more.
Compatibility Statement Note	Our docks are tested and validated with most HP USB-C and Thunderbolt 4 systems as well as tested with select 3rd party systems like Dell, Lenovo, and Apple. Contact your local sales representative to learn more.
Compatible Operating Systems	Windows 10; Windows 11; macOS; Linux; ThinPro; ChromeOS
Connection type	Thunderbolt™ 4
Country of origin	China(ABT, AB2, AB0, UUZ, ABG, AC8, ABJ, ACQ, ABM, ABU, AB1, AC4, AR6, ACJ, UUF, ABZ, ABB, ABY); Thailand(ABT, UUZ, ABA, AC8, ACQ, ABU, AC4, AR6, UUF, ABZ, ABB, ABY)
Current, maximum	6.15 A
Dimensions (W x D x H)	12.1 x 12.1 x 4.95 cm
Display support	Up to 3 external displays and 1 PC display or up to 4 external displays
Displays supported	Quad monitor
Drivers included	Intel® NIC driver; Realtek NIC driver (ARM); Realtek NIC driver (Windows)
End of Life CO2e (kg)	0.1
I/O Port location	Rear
Layers per pallet	6 (air); 14 (ocean)
LED	Front LED bar: RGB LED (white, blue, amber, green, red); Power button: RGB LED (white, blue, amber, green, red)
Management features	HP CMSL; Disconnected Firmware updates; eTag; PXE Boot; Wake on LAN (from the Off, Sleep or Hibernation states); MAC address pass-through (from the On, Off, Sleep or Hibernation states); LAN/WLAN switching; Disable LAN; Event messaging
Management Software	Poly Lens with automatic firmware updates

Manufacturer Warranty	HP three-year limited warranty
Material Type for item	FERT
Multiple order quantity	1
Non-Operating Humidity Range	5 to 95% non-condensing
Non-operating temperature - Celsius	-20 to 60°C
Operating altitude	-15 to 3,048 m
Operating humidity range	10 to 90% non-condensing
Operating temperature range	32 to 95°F
Operating voltage	19.5 V
Package dimensions (W x D x H)	39.6 x 17.1 x 9.5 cm
Package weight	1.08 kg
Pallet dimensions (W x D x H)	120 x 100 x 14 cm
Physical security	1 nano security lock slot
Ports	1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.1; 2 DisplayPort™ 1.4; 1 RJ-45 (2.5 GbE)
Power	120 W external power adapter
Power button type	Mechanical power button with RGB LED indicator to power or wake host system
Power delivery (PD) profiles	12V/5A; 15V/5A; 20V/5A; 5V/3A; 9V/3A
Power to host	Up to 100 W via Thunderbolt™ 4 (both HP and non-HP host devices)
Production CO2e (kg)	7
Products per pallet	168 (air); 392 (ocean)
Products per pallet layer	28
Refresh rate (maximum)	360 Hz
Registration required	No
Resolution (maximum)	Up to 8K

Resolutions supported	Non-Thunderbolt™ with multi-function PCs: 4 x QHD (2560 x 1440 @ 60 Hz)[1], 3 x FHD (1920 x 1080 @ 60 Hz), 2 x QHD (2560 x 1440 @ 60 Hz), 1 x 5K (5120 × 2880 @ 60 Hz)[1], 1 x FHD (1920 x 1080 @ 360 Hz); Non-Thunderbolt™ with high-resolution PCs: 4 x 4K (3840 x 2160 @ 60 Hz)[1], 3 x QHD (2560 x 1440 @ 60 Hz), 2 x 4K (3840 x 2160 @ 60 Hz), 1 x 5K (5120 × 2880 @ 60 Hz), 2 x FHD (1920 x 1080 @ 360 Hz)[1]; 1 x QHD (2560 x 1440 @ 360 Hz)[1]; Thunderbolt™ with dual DisplayPort™ streams: 4 x 4K (3840 x 2160 @ 60 Hz)[1], 3 x QHD (2560 x 1440 @ 60 Hz), 2 x 4K (3840 x 2160 @ 60 Hz), 1 x 5K (5120 × 2880 @ 60 Hz); Thunderbolt™ with single DisplayPort™ stream: 4 x 4K (3840 x 2160 @ 60 Hz)[1], 3 x QHD (2560 x 1440 @ 60 Hz), 2 x 4K (3840 x 2160 @ 60 Hz), 1 x 5K (5120 × 2880 @ 60 Hz)
Security management	HP Sure Start
Security management footnote number	[3]
Software included	HP Quick Connect
Software included footnote number	[10,12]
Storage altitude	-15 to 12,192 m
Sustainability specifications	35% post-consumer recycled plastic
Total CO2e (kg)	10
Transportation CO2e (kg)	0.3
UNSPSC code	43211602
UPC number	198415233011
Video connectors	HDMI; DisplayPort™-out; USB Type-C®; Thunderbolt™
Weight	740 g
What's in the box	HP Thunderbolt 4 100W G6 Dock; 120 W power adapter; Thunderbolt™ 4 cable (1 m); Power cord; Product notice; Warranty card

Logistics

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What's in the box	HP Thunderbolt 4 100W G6 Dock; 120 W power adapter; Thunderbolt™ 4 cable (1 m); Power cord; Product notice; Warranty card
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Dimensions (W x D x H)	12.1 x 12.1 x 4.95 cm
Country of origin	China(ABT, AB2, AB0, UUZ, ABG, AC8, ABJ, ACQ, ABM, ABU, AB1, AC4, AR6, ACJ, UUF, ABZ, ABB, ABY); Thailand(ABT, UUZ, ABA, AC8, ACQ, ABU, AC4, AR6, UUF, ABZ, ABB, ABY)
Cartons per layer	28

Cartons per pallet	5 (air); 10 (ocean)
Multiple order quantity	1
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Sustainability

Country of origin	China(ABT, AB2, AB0, UUZ, ABG, AC8, ABJ, ACQ, ABM, ABU, AB1, AC4, AR6, ACJ, UUF, ABZ, ABB, ABY); Thailand(ABT, UUZ, ABA, AC8, ACQ, ABU, AC4, AR6, UUF, ABZ, ABB, ABY)
End of Life CO2e (kg)	0.1
Energy Usage CO2e (kg)	5
Production CO2e (kg)	7
Sustainability specifications	35% post-consumer recycled plastic
Sustainability specifications footnote number	[15]
Total CO2e (kg)	10
Transportation CO2e (kg)	0.3

Specifications

[1] Requires DisplayPort™ 1.4 support with Display Stream Compression.

[2] For full data and video capability, the PC must support either: DisplayPort™ alt mode, Thunderbolt™ 3 alt mode, or USB4 through its USB Type-C® port. Charging and port replication are supported on notebooks that have implemented the USB Type-C® Power Delivery specifications. HP Quick Connect, Wake-on LAN from warm and cold dock, Wake-on LAN from S4/S5, and MAC Address Pass-Through, S0, S3, S4, S5 when connecting an on or off notebook to the dock features only function on HP or HP supported notebooks. HP does not provide ethernet and audio drivers on Mac PCs. Power button to turn off or to wake the system depends on implementation of the related and optional Power Delivery specification.

[3] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.



[4] Based on HP's internal analysis of docking stations that are Thunderbolt™ 4, have auto validating & self healing firmware, Meet NIST 800-173 requirements, the ability to disable the RJ-45 and a BIOS MAPT authorized list. HP Sure Start on HP Thunderbolt G6 dock supports firmware integrity verification and recovery during dock start-up and disconnect. It does not include real-time and runtime protections or Microsoft SCCM integration typically found on HP Sure Start in HP notebooks.

[5] Operating systems supported: Windows 10 22H2 and up, Win 10 IoT Enterprise LTSC 2021, Windows 11 23H2 and up, ChromeOS M133 and up, Ubuntu Linux 22.04 LTS with 5.15 kernel, ThinPro OS 8.0 and MacOS Sonoma 14. Not all features work with all operating systems, ask your sales representative about compatibility with your PC. Linux, ChromeOS, MacOS, and ThinPro OS testing currently underway and expected to be completed after launch.

[6] The dock power button may support non-HP notebooks that have implemented USB Power Delivery specification to support Extended Alert messages.

[7] Please refer to the User Guide for LED light behaviors. The User Guide can be found on <https://support.hp.com/> .

[8] Your computer might support Wake on LAN from the Off, Sleep or Hibernate States, or only when the computer is On or in Sleep.

[9] Your computer might support MAC address pass-through on the On, Off, Sleep or Hibernate States, or only when the computer is On or in Sleep. Thunderbolt™ host systems require Thunderbolt™ software (minimum SW17.x). Ethernet drivers need to be installed separately on non-HP Windows systems for headset auto switching functionality. Drivers available on HP website. For Apple PCs, HP does not provide ethernet and audio drivers. Firmware updates on Window-based host systems only. Certain features are not functional on non-HP supported nor non-HP notebooks: • Power button to turn on or wake the system. • Wake on LAN from warm and cold dock. • Wake on LAN from S4/S5. • MAC Address pass-through S0, S3, S4, S5 when connecting an on or off notebook to the dock.

[10] Feature(s) not available on TAA docks.

[11] Poly Lens is a cloud-based device management solution that provides actionable insights and analytics around unified communications endpoints like Poly voice, video, headset devices, and select HP docking stations and can be sold as a stand-alone service. Internet access is required. Not available on TAA versions. Visit lens.poly.com to set-up an account.

[12] HP Quick Connect must be enabled on the PC's BIOS and on the dock. HP Quick Connect is available on select HP G11 Intel and G12 Intel and AMD PCs. Bluetooth® required. Not available on TAA versions. Contact your local sales representative to learn more.

[13] Video resolution and support is dependent on the maximum capability of the notebook.

[14] Compatible with the following HP locks: 63B28AA - HP Nano Combination Cable Lock, 63B31AA - HP Essential Nano Combination Cable Lock.

[15] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

Legal disclaimer

Actual product may vary from image shown.

[8] Comes with power cord.

[9] Windows Management Instrumentation installation required. Requires Windows 10 or higher.

[10] Requires Windows 10 or higher.