HP Thunderbolt 4 Ultra 180W G6 Dock

Supercharge your workflow

Work without interruptions and maximize productivity with ultimate power delivery from the HP Thunderbolt 4 Ultra 180W G6 Dock. Effortlessly manage, connect and power the devices you love with state-of-the-art security and connectivity.



*Product image may differ from actual product

Powerful connections in an instant

Find true momentum with uninterrupted connections to your devices. HP Quick Connect[1] wakes your devices before you even take a seat. Stay in your flow all day with up to 180W[3] of power delivery and 40 Gbps of data transfer speeds via Thunderbolt™ 4 technology[2] and all the ports you need to connect your setup.

Hands-off manageability

Cloud manageability with Poly Lens[4] unlocks hands-off manageability from anywhere. Administer automatic firmware updates anytime and easily monitor telemetry and analytics to optimize workspaces and support users effectively.

Everything, secured

Prevent potential threats with HP Wolf Security[5], interlacing HP Sure Start[6] and Zero Trust Framework to provide complete end-to-end security. Work and rest easy knowing everything from the dock to the cloud is protected.

Sustainability in action

Built to last

Thoughtfully designed with longevity in mind. Durably crafted[7] with replaceable parts to maximize your fleet's lifecycle. Built with a power consumption module to monitor your energy consumption. Consciously wrapped in plastic-free packaging[8].

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Featuring

More Ports. More Flexibility.
More ports means more capabilities. With a TBT4™, USB-C® DP Alt. Mode, HDMI, RJ-45, two USB-C®, two DisplayPorts™, and five USB-A ports, you can connect all your devices.[9]

Intuitive, compact design
Stay in the know about device status updates with intuitive LED lighting and on-screen-display. Easily connect to your ports and declutter your desk with rear-facing USB-C® cable connectivity, all in a compact design.

A full suite of manageability tools
Empower your IT to manage and track your docks by product name, serial number, and MAC Address from anywhere with the time-saving, easy-to-use Electronic Tag (eTag) and HP CMSL management tools.[10]

Wired Intel® vPro®
With Intel® vPro® Active Management Technology, authorized administrators can remotely access notebooks using wired connections, even if turned off, to make updates.

3-year limited warranty
Get added peace of mind with a 3-year limited warranty that includes technical support, diagnostic services, and hardware replacement.

Compatible with myHP
Enable hardware and software innovations from HP with the myHP application. This single dashboard houses access to settings for your docking station and other devices.[11]

Datasheet

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Specifications





Product number	9X481UT
Supported platforms	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.
Supported platforms 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.
UPC number	(ABB) 198415314925; (ABU) 198415314994
Port and connectors	Front: 1 USB Type-C® 10Gbps signaling rate (up to 15 W USB Power Delivery) Right side: 1 USB Type-A 10Gbps signaling rate (charging); 1 nano security lock slot; 1 USB Type-C® 10Gbps signaling rate (up to 15 W USB Power Delivery) Left side: 2 USB Type-A 10Gbps signaling rate (charging) Rear: 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.1; 2 DisplayPort™ 1.4; 1 RJ-45 (2.5 GbE)
Physical security	1 nano security lock slot[14]
Connection type	Thunderbolt™ 4[2]
Security management	HP Wolf Security for Business[3]; HP Sure Start[4]; System network manageability in any power state (HP with HP);
Certified collaboration software	Intel® Thunderbolt™ 4
Power supply	230 W external power adapter
Power to system	Up to 180 W via Thunderbolt™ 4 (both HP and non-HP host devices that support Power Delivery 3.1)[15]
Power delivery (PD) profiles	12V/5A; 15V/5A; 20V/5A; 5V/3A; 9V/3A
Current (max)	6.15 A
Operating voltage	19.5 V
Minimum order quantity	1
Management software	Poly Lens with automatic firmware updates[10,11,17]
Manageability 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 Intel® vPro® Technology (wired)[8,9]
Video connectors	HDMI; DisplayPort™-out; USB Type-C®; Thunderbolt™
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)
Refresh rate (maximum)	360 Hz
Cable length	1 m
External monitor support	Up to 3 external displays and 1 PC display or up to 4 external displays
Power button type	Mechanical power button with RGB LED indicator to power or wake host system[6]
LED	Front LED bar: RGB LED (white, blue, amber, green, red); Power button: RGB LED (white, blue, amber, green, red)[7]
Cable type	1 back Thunderbolt™ 4 cable to connect to host system (up to 180 W USB Power Delivery)
Software included	myHP; HP Quick Connect[10,12];
Drivers included	Intel® NIC driver; Realtek NIC driver (ARM); Realtek NIC driver (Windows)
Supported operating systems	Windows 10; Windows 11; macOS; Linux; ThinPro; ChromeOS
System Requirements, Minimum	USB Type-C® (USB Power Delivery, Alt Mode DisplayPort™); Thunderbolt™ 4 port
Warranty	HP three-year limited warranty
What's in the box	HP Thunderbolt 4 Ultra 180W G6 Dock; 230 W power adapter; Thunderbolt™ 4 cable (1 m); Power cord; Product notice; Warranty card

Country of origin	China(ABJ, ACJ, ABY, AC4, ABM, ACQ, AB0, ABZ, UUZ, ABG, ABB, ABT, AR6, AB2, AB1, UUF, AC8, ABU); Mexico(ABA); Thailand(ACJ, ABY, ABA, AC4, ABM, ACQ, ABZ, UUZ, ABG, ABB, ABT, AR6, UUF, AC8, ABU)
Dimensions (W x D x H)	12.1 x 12.1 x 4.95 cm
Weight	790 g
Package dimensions (W x D x H)	39.6 x 17.1 x 9.5 cm
Package weight	1.14 kg
Master carton quantity	1
Master carton dimensions (W x D x H)	39.6 x 17.1 x 9.5 cm
Carton per layer	28
Pallet (layers)	6 (air); 14 (ocean)
Carton per pallet	5 (air); 10 (ocean)
Products per layer	28
Products per pallet	168 (air); 392 (ocean)
Pallet dimensions (W x D x H)	120 x 100 x 14 cm
Sustainable impact specifications	35% post-consumer recycled plastic [16]
Operating temperature range	
Non-operating temperature	-20 to 60°C
Operating altitude	-15 to 3,048 m;
Non-operating altitude	-15 to 12,192 m;
Operating humidity range	10 to 90% non-condensing
Non-operating humidity range	5 to 95% non-condensing

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Footnotes

Messaging Footnotes

[1] 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.
[2] For full data and video capability, the PC must support either: DisplayPort™ alt mode, Thunderbolt™ 3 alt mode, or USB4 through its USB-C® port. Charging and port replication are supported on notebooks that have implemented the USB-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] Up to 180W power delivery through the Thunderbolt™ 4 cable available on PC's that support PD 3.1.
[4] 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.
[5] 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.
[6] 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.
[7] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[8] HP packaging for this product is reported by suppliers as plastic free. Packaging refers to the primary product box and all materials inside, excluding any additional boxes provided by third parties, bulk packaging, and packaging for accessories and spare parts.
[9] Comes with power cord.
[10] Windows Management Instrumentation installation required. Requires Windows 10 or higher.
[11] Requires Windows 10 or higher.

Technical Specifications Footnotes

[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] Up to 180 W power delivery through the Thunderbolt 4 cable available on PC's that support PD 3.1.
[16] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[17] The European Union Data Act is a compliance regulation concerning connected devices placed on the European Union market. Customers who own HP devices sold in this market can request the data from their devices. For more information, see https://support.hp.com/us-en/document/ish_12884929-12885022-16 or visit https://compliance-euda.hp.com/.

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