ProductSheet

HP Thunderbolt 4 Ultra 280W TAA G6 Dock (AW5N3AA)

Supercharge your workflow

Work without interruptions and maximize productivity with ultimate power delivery from the HP Thunderbolt 4 Ultra 280W G6 Dock. Effortlessly manage, connect and power the devices you love with state-of-the-art security and connectivity.



Powerful connections in an instant
Find true momentum with uninterrupted connections to your devices. Stay in your flow all day with up to 280W[2] of power delivery and 40 Gbps of data transfer speeds via Thunderbolt™ 4 technology[1] and all the ports you need to connect your setup.

Everything, secured
Prevent potential threats with HP Wolf Security[3], interlacing HP Sure Start[4] to provide complete end-to-end security. Work and rest easy knowing your dock is protected.

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. [7]

Intuitive, compact design
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. [8]

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.

Specifications

Dimensions (W x D x H)	12.1 x 12.1 x 4.95 cm
Dimensions (W x D x H)	4.76 x 4.76 x 1.95 in
Weight	790 g
Weight	1.7 lb
Ports	1 USB Type-C® 10Gbps signaling rate (up to 15 W USB Power Delivery)
Ports	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)
Ports	2 USB Type-A 10Gbps signaling rate (charging)
Ports	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)
Package dimensions (W x D x H)	39.6 x 17.1 x 9.5 cm
Package weight	1.14 kg
Power	330 W external power adapter
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; Intel® vPro® Technology (wired)[8,9]
Sustainable impact specifications	35% post-consumer recycled plastic
Security management	HP Sure Start; System network manageability in any power state (HP with HP)[2]
Minimum System Requirements	USB Type-C® (USB Power Delivery, Alt Mode DisplayPort™); Thunderbolt™ 4 port
UPC number	198701753261
Manufacturer Warranty	HP three-year limited warranty
What's in the box	HP Thunderbolt 4 Ultra 280W G6 Dock; 330 W power adapter; Thunderbolt™ 4 and 4.5 mm power barrel combination cable (1 m); Power cord; Product notice; Warranty card

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] 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.

[2] Up to 280W power delivery through the Thunderbolt™ 4 cable available on PC's that support PD 3.1.

[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.

[7] Comes with power cord.

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

Technical Specifications Footnotes

[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.

[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.

© Copyright 2025 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.