

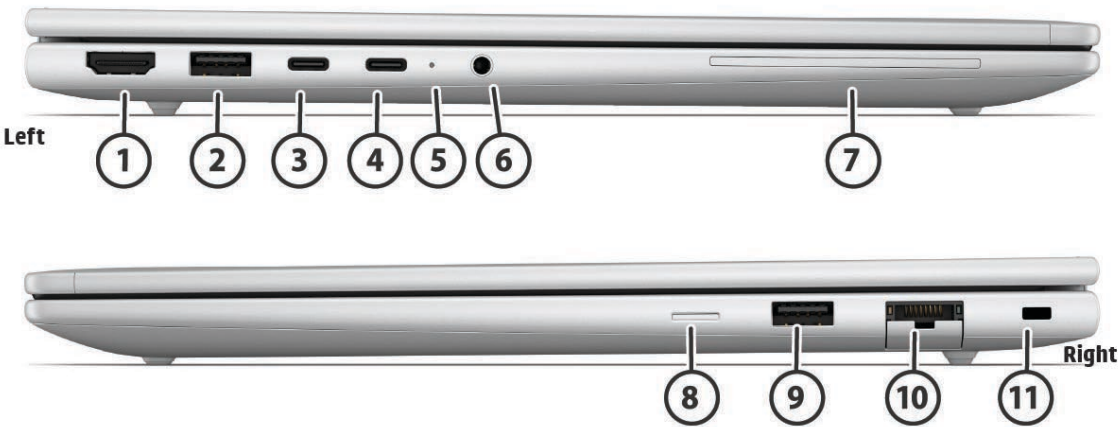
HP EliteBook 6 G2q 14 inch Notebook Next Gen AI PC



Front

- | | | | |
|---|-------------------------|---|---------------------|
| 1 | Internal Microphone (2) | 4 | Webcam LED |
| 2 | Webcam | 5 | Finger Print Reader |
| 3 | Camera Shutter | 6 | Touchpad |





Sides

- | | | | |
|---|---|----|---|
| 1 | HDMI 2.1 | 8 | Nano SIM card slot (optional) |
| 2 | USB Type-A 5Gbps signaling rate (Powered) | 9 | USB Type-A 5Gbps signaling rate (Powered) |
| 3 | USB4® with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4) | 10 | RJ45 Ethernet port |
| 4 | USB4® with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4) | 11 | Nano Security Slot |
| 5 | Power Indicator LED | | |
| 6 | Headphone/mic combo jack | | |
| 7 | Smart Card Reader (optional) | | |

PRODUCT NAME

HP EliteBook 6 G2q 14 inch Notebook Next Gen AI PC



OPERATING SYSTEM

Preinstalled

Windows 11 Home - HP recommends Windows 11 Pro for business ¹

Windows 11 Home Single Language - HP recommends Windows 11 Pro for business ¹

Windows 11 Pro ¹

Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹.

1. Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>



PROCESSORS

Processor ²	Cores	Cache	Max Multithread Frequency	Integrated Graphic	NPU
Qualcomm® Snapdragon X2 Elite processor X2E-84-100	12 cores	34 MB	4.70 GHz	Qualcomm® Adreno™	85 TOPS
Qualcomm® Snapdragon X2 Plus Processor X2P-64-100	10 cores	34 MB	4.04 GHz	Qualcomm® Adreno™	80 TOPS
Qualcomm® Snapdragon X2 Plus processor X2P-42-100	6 cores	22 MB	4.04 GHz	Qualcomm® Adreno™	80 TOPS

Processor Family

Qualcomm® Snapdragon X2 processor

2. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors.

GRAPHICS

Integrated

Qualcomm® Adreno

Supported protocols

Support DirectX® 12, UHD, HD decode, HDCP 2.3, HDMI 2.1 (up to 4K 60Hz)

Display supported (including internal display; dock may be required) up to 4

Codec

Hardware Acceleration HEVC (H.265) CODEC is an optional feature and must be configured at purchase.



DISPLAY

Availability may vary by country.
Actual brightness will be lower with touchscreen or HP Sure View.

Non-Touch

- 35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 6³
- 35.6 cm (14") diagonal, 2.5K (2560 x 1600), LCD, 120Hz (VRR), UWVA, Anti-Glare, WLED+Low Blue Light, 400 nits, Adobe 100% + DCI-P3 100%
- 35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, WLED, 300 nits, Low Power, sRGB 62.5%
- 35.6 cm (14") diagonal, WUXGA (1920 x 1200), OLED, UWVA, Anti-Glare, OLED+Low Blue Light, 300 nits, DCI-P3 100%
- 35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, WLED+Low Blue Light, 400 nits, Low Power, sRGB 100%

Touch

- 35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, Touch on Panel, UWVA, Anti-Glare, WLED, 300 nits, Low Power, sRGB 62.5%

Display Size (Diagonal)

- 35.6 cm (14")

Aspect Ratio

- 16:10

Screen to Body Ratio

- Up to 89.90%

Max Hinge Open Angle

- 177 ± 3°

3. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

DOCKING (SOLD SEPARATELY)

Docking station model name

HP Thunderbolt™ 100W G6 Dock

Total number of supported displays (incl. the notebook)

4

Max. resolutions supported

(4) 4K @ 60Hz*

(2) 4K @ 120Hz*

(3) QHD @ 120Hz*

(1) QHD @ 360Hz*

Dock Connectors

1 x HDMI 2.1, 2 x DisplayPort 1.4, 1 x Thunderbolt 4

Technical limitations

*Requires DisplayPort 1.4 support with Display Stream Compression (DSC).

Bluetooth required for HP Quick Connect. HP Quick Connect available on select HP notebooks.

Maximum resolution and display support is dependent on the maximum capability of the notebook.

Thunderbolt Hosts:

Maximum of (4) displays with maximum resolution of 5K@ 30Hz running Thunderbolt host.

Maximum resolution possible is dual 8K displays @ 60Hz running Thunderbolt host or running a non-Thunderbolt host in high resolution mode @ 30Hz

Non-Thunderbolt hosts:

The highest resolution for dual displays running a non-Thunderbolt host in multi-function mode is

(1) 5K dual cable (using both DP ports) +(1) 4K on USB-C DP port

Non-Thunderbolt hosts support (3) displays with a maximum resolution of (2) 5K single cable + (1) 4K UHD @ 60 Hz in high resolution mode. In multi-function mode the maximum resolution for (3) displays is (2) 5K single cable @ 30Hz + (1) 4K UHD @ 30Hz.



Docking station model name

HP Thunderbolt™ 180W G6 Dock

Total number of supported displays (incl.the notebook)

4

Max. resolutions supported

(4) 4K @60Hz*

(2) 4K @ 120Hz*

(3) QHD @ 120Hz*

(1) QHD @ 360Hz*

Dock Connectors

1 x HDMI 2.1, 2 x DisplayPort 1.4, 1 x Thunderbolt 4, 1 x USB-C 3.2 Gen 2 DisplayPort

Technical limitations

*Requires DisplayPort 1.4 support with Display Stream Compression (DSC).

Bluetooth required for HP Quick Connect. HP Quick Connect available on select HP notebooks.

Maximum resolution and display support is dependent on the maximum capability of the notebook.

Thunderbolt Hosts:

Maximum of (4) displays with maximum resolution of 5K@ 30Hz running Thunderbolt host.

Maximum resolution possible is dual 8K displays @ 60Hz running Thunderbolt host or running a non-Thunderbolt host in high resolution mode @30Hz

Non-Thunderbolt hosts:

The highest resolution for dual displays running a non-Thunderbolt host in multi-function mode is

(1) 5K dual cable (using both DP ports) + (1) 4K on USB-C DP port

Non-Thunderbolt hosts support (3) displays with a maximum resolution of (2) 5K single cable + (1) 4K UHD @ 60 Hz in high resolution mode. In multi-function mode the maximum resolution for (3) displays is (2) 5K single cable @ 30Hz + (1) 4K UHD @ 30Hz.



Docking station model name

HP Thunderbolt™ 280W G6 Dock

Total number of supported displays (incl.the notebook)

4

Max. resolutions supported

(4) 4K @60Hz*

(2) 4K @ 120Hz*

(3) QHD @ 120Hz*

(1) QHD @ 360Hz*

Dock Connectors

1 x HDMI 2.1, 2 x DisplayPort 1.4, 1 x Thunderbolt 4, 1 x USB-C 3.2 Gen 2 DisplayPort

Technical limitations

*Requires DisplayPort 1.4 support with Display Stream Compression (DSC).

Bluetooth required for HP Quick Connect. HP Quick Connect available on select HP notebooks.

Maximum resolution and display support is dependent on the maximum capability of the notebook.

Thunderbolt Hosts:

Maximum of (4) displays with maximum resolution of 5K@ 30Hz running Thunderbolt host.

Maximum resolution possible is dual 8K displays @ 60Hz running Thunderbolt host or running a non-Thunderbolt host in high resolution mode @30Hz

Non-Thunderbolt hosts:

The highest resolution for dual displays running a non-Thunderbolt host in multi-function mode is

(1) 5K dual cable (using both DP ports) + (1) 4K on USB-C DP port

Non-Thunderbolt hosts support (3) displays with a maximum resolution of (2) 5K single cable + (1) 4K UHD @ 60 Hz in high resolution mode. In multi-function mode the maximum resolution for (3) displays is (2) 5K single cable @ 30Hz + (1) 4K UHD @ 30Hz.



Docking station model name

HP USB-C™ 100W G6 Dock

Total number of supported displays (incl.the notebook)

3

Max. resolutions supported

(1) 4K @120hz*

(2) 4K @120hz*

(3) 4K @60hz*

Dock Connectors

1 x HDMI 2.1, 2 x DisplayPort 1.4

Technical limitations

*Requires DisplayPort 1.4 support with Display Stream Compression (DSC).

Bluetooth required for HP Quick Connect. HP Quick Connect available on select HP notebooks.

Maximum resolution and display support is dependent on the maximum capability of the notebook.

Highest resolution with dual displays is two 8K@ 30Hz host in High Resolution mode.

Three maximum displays supported are two 5K@ 30 Hz on DP ports plus one 4K UHD@ 30 Hz on HDMI in Multi-function mode.

The highest resolution for a non-Thunderbolt host in Multi-function mode is a single 5K dual cable (using both DP ports) + (1) 4K on HDMI port.



STORAGE AND DRIVES

Storage

- 2 TB PCIe® Gen5 NVMe™ SSD Value ⁴
- 1 TB PCIe® Gen5 NVMe™ SSD Value ⁴
- 1 TB PCIe® Gen5x4 NVMe™ SSD ⁴
- 1 TB PCIe® NVMe™ SSD Value ⁴
- 512 GB PCIe® Gen5 NVMe™ SSD Value ⁴
- 512 GB PCIe® NVMe™ SSD Value ⁴
- 256 GB PCIe® NVMe™ SSD Value ⁴

4. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 32 GB is reserved for system recovery software.



MEMORY

Maximum Memory

64GB LPDDR5X-9600 MT/s (onboard) ⁵

Memory

64GB LPDDR5X-9600 MT/s (onboard) ⁵

32GB LPDDR5X-9600 MT/s (onboard) ⁵

32GB LPDDR5X-8533 MT/s (onboard) ⁵

24GB LPDDR5X-9600 MT/s (onboard) ⁵

16GB LPDDR5X-9600 MT/s (onboard) ⁵

16GB LPDDR5X-8533 MT/s (onboard) ⁵

Memory Slots

No memory slots. Memory soldered down.

System runs at 9523 MT/s (for Qualcomm® Snapdragon X2 Elite processor X2E-84-100/ Qualcomm®

Snapdragon X2 Plus Processor X2P-64-100)

System runs at 8294MT/s (for Qualcomm® Snapdragon X2 Plus processor X2P-42-100)

Supports Dual Channel Memory.

Memory is non-accessible / non-upgradeable.

5. Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.



NETWORKING /COMMUNICATIONS

Items below may be optional.

Ethernet

RTK GBE Ethernet Controller

WLAN

Qualcomm® FastConnect™ 7700 Wi-Fi 7 (w/o HBS and DBS) and Bluetooth® 6.0 wireless card ⁶

WWAN

Qualcomm X72 5G Solution WWAN ⁷

Qualcomm X72 5G with HP Go WWAN ⁷

NFC

NFC NXP NPC400

Miracast

Native Miracast Support ⁸

6. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11be) functionality requires compatible Windows OS, select processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported.

7. 5G module is optional and must be configured at the factory. Module designed for 5G NR SA(standalone) and 5G NR NSA (non-standalone) Public and Private networks including Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module includes embedded eSIM. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier and frequency bands supported.

8. Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.



AUDIO/MULTIMEDIA

Audio

Audio by Poly Studio

2 Integrated stereo speakers

Discrete Amplifiers

2 Integrated dual array microphone

Enhanced by AI noise reduction

Speaker Power

2W / 4 ohm per speaker

Camera

FHD HDR camera

5MP HDR camera with Image Signal Processing (ISP) and AI Presence Detection, IR camera

Sensors

Ambient Light Sensor

Fingerprint Sensor (optional)

Hall Effect Sensor

HP Sure Platform

HP Tamper Lock

Thermal Sensor



KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard

HP Standard Keyboard, spill-resistant, Privacy, Backlit, DuraKey keyboard

HP Standard Keyboard, spill-resistant, Backlit, DuraKey keyboard

HP Standard Keyboard, spill-resistant, DuraKey keyboard

Pointing Device

Microsoft Precision Touchpad Default Gestures Support

Multi-touch gesture support

Taps enabled as default with image sensor and glass surface

Function Keys

ESC - System information

F1 - Display Switching

F2 - Blank or SureView On/Off

F3 - Brightness Down

F4 - Brightness Up

F5 - Blank or Backlit Toggle

F6 - Audio Mute

F7 - Volume Down

F8 - Volume Up

F9 - Mic Mute

F10 - Play and Pause

F11 - Programmable Key (HP app)

F12 - Home key

Power Button (with LED)

Insert

Delete

End

Microsoft Copilot⁹



Hidden Function Keys

Fn+R - Break, Fn+S - Sys Rq, Fn+C - Scroll Lock, Fn+Copilot - Context Menu

9. Copilot+ in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. See aka.ms/copilotpluspcs.



SOFTWARE AND SECURITY

Application Software

Buy Microsoft Office (Sold Separately) ¹⁰

Edge Customization

HP Hotkey Support (ARM64)

HP IQ (ARM) ¹¹

HP PC Hardware Diagnostics UEFI

HP PC Hardware Diagnostics Windows - ARM

HP Privacy Settings

HP Support Assistant ¹²

HSA Fusion for Commercial on ARM

HP app ¹³

Poly Studio Desktop ¹⁴

Manageability Features

HP Client Catalog (download) ¹⁵

HP Client Management Script Library (download) ¹⁶

HP Cloud Recovery for SSRU ¹⁷

HP Connect for Microsoft Endpoint Manager ¹⁸

HP Image Assistant (download) ¹⁹

HP Manageability Integration Kit (download) ²⁰

HP Power Manager with Battery Health Manager (download) ²¹

Security Features

Secured-Core PC Enable ²²

HP Wolf Security for Business ARM ²³

Security- TPM

Model

Model: Nuvoton NPCT760HAEYX



Firmware Version

Firmware Version: 7.2.4.1

TCG

TCG TPM 2.0

FIPS 140-3 Compliant

FIPS 140-3 Compliant: Yes

BIOS

Pre-Boot UEFI Wi-Fi Support

UEFI Support

Smartcard Reader

FIPS 201-3 Compliant

FIPS 201-3 Compliant: Yes

IPv6 Support

Yes

FirstNet Certified

Yes

Does the BIOS implement the ISO/IEC 19678:2015 (formerly NIST 800-147) guidelines?

Yes

UEFI version

2.9

Class

3



10. Microsoft 365 sold separately and requires Internet access for activation.
11. HP IQ delivery app is preloaded on select HP PCs; it will be automatically updated to the future featured HP IQ application if you have auto updates enabled in Windows or will be available for download from the Microsoft Store. The future featured HP IQ app uses artificial intelligence. Features vary by configuration. For complete details see https://support.hp.com/us-en/document/ish_13696672-13696717-16
12. HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant>
13. HP app requires Windows 10 or higher OS
14. Poly Studio Desktop requires a Windows OS.
15. HP Client Catalog not preinstalled, however available for download at (<https://www.hp.com/us-en/solutions/client-management-solutions.html>).
16. HP Client Management Script Library (<https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>).
17. HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.
18. HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
19. HP Image Assistant not preinstalled, however available for download at (<https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>)
20. HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
21. HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/in-en/document/ish_4449597-3519507-16.
22. Secured-Core PC Enable requires an Intel® vPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC is enabled from the factory.
23. HP Wolf Security for Business for ARM requires Windows 10 or 11 (Pro or Home) or higher, includes various HP security features and is available on HP X, Ultra, Pro, Elite, Engage and Workstation products. See product details for included security features.



POWER

Power supply availability may vary by country.

Battery is internal and replaceable by customer.

Higher wattage adapter is recommended for best performance and fastest charging.

Using lower-capacity third-party USB Type-C® power cables may reduce power delivery.

Power Supply

HP 100W Wall Mount USB Type-C® GaN Halogen Free AC power adapter

HP 65W Wall Mount USB Type-C® GaN Halogen Free AC power adapter

HP 65W Standard USB Type-C® GaN AC power adapter

Battery

HP Long Life 3 cell, 68Whr Polymer

HP Long Life 3 cell, 56Whr Polymer

Compliant with UL 1642/2054 Standard

Battery Recharge Time

Supports battery HP Fast Charge: approximately 50% in 30 minutes ²⁴

Power Cord

3-wired plug- 1.0m for standard type adapter

USB Type-C® Power Cable- 2.0m for wall mount adapter

Battery life

Video playback: Up to 33 hours with 68Whr battery (Qualcomm® Snapdragon® X2 Plus X2P-64-100, UMA graphic, brightness set to 150nits on a 14-inch WUXGA 400nits LP LCD display, 16GB LPDDR5X memory, 256GB SSD) ²⁵

Teams 3x3: Up to 16 hours 15 minutes with 68Whr battery (Qualcomm® Snapdragon® X2 Plus X2P-64-100, UMA graphic, brightness set to 150nits on a 14-inch WUXGA 400nits LP LCD display, 16GB LPDDR5X memory, 256GB SSD) ²⁶

Web Browsing: Up to 24 hours 30 minutes with 68Whr battery (Qualcomm® Snapdragon® X2 Plus X2P-64-100, UMA graphic, brightness set to 150nits on a 14 inch WUXGA 400nits LP LCD display, 16GB LPDDR5X memory, 256GB SSD) ²⁷

24. Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater



than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

25. Test configuration: Battery life based on video playback, WUXGA (1920 x 1200) resolution, 150nits brightness, system audio level as image default, player audio level at 50 %, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

26. Test configuration: HP factory image, balanced power mode with Windows Studio Effects on. Teams 3x3 conferencing battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage.

27. Test configuration: HP factory image. Microsoft web browsing battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage (CER Test Methodology).



WEIGHT & DIMENSIONS

Weight will vary by configuration. Does not include power adapter.

Front height measurement is near the front edge where the mechanical chassis taper begins. Back height measurement is near the rear edge where the mechanical chassis taper ends.

Product Weight

Starting at (Regular): 1.36kg (3.0lb) with 56Wh battery

Starting at (Ultra-slim): 1.30kg/2.87lbs, with 56Wh battery

Product Dimensions (w x d x h) ²⁸

Regular:

Width: 314.80 mm (12.394 in)

Depth: 222.00 mm (8.74 in)

Height Front: 10.70 mm (0.421 in) - 11.20 mm (0.441 in)

Height Rear: 16.90 mm (0.665 in) - 17.40 mm (0.685 in)

Maximum height: 19.40 mm (0.764 in) - 19.90 mm (0.783 in)

UltraSlim:

Width: 314.80 mm (12.394 in)

Depth: 222.00 mm (8.74 in)

Height Front: 10.70 mm (0.421 in) - 11.20 mm (0.441 in)

Height Rear: 15.40 mm (0.606 in) - 15.90 mm (0.626 in)

Maximum height: 17.18 mm (0.676 in) - 17.68 mm (0.696 in)

Packaging and Pallet Dimensions

Product packaging size varies based on options chosen. Please contact your HP representative for your packaging size details. For detailed packaging information, access the [HP Commercial Notebooks Packaging Guide](#).

28. Typical dimension. Actual dimension may vary +/- 0.5mm. Height may vary based on configuration. Maximum Height does not include Rubber feet.



PORTS/SLOTS

Left side

- 1 x USB Type-A 5Gbps signaling rate (Powered)
- 2 x USB4® with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)
- 1 x HDMI 2.1 (Supports HDCP 2.3, resolution up to 4K/60Hz, bandwidth 6Gbps TMDS mode)
- 1 x headphone/mic combo jack
- 1 x Smart Card Reader (optional)

Right side

- 1 x USB Type-A 5Gbps signaling rate (Powered)
 - 1 x RJ45 Ethernet port
 - 1 x Nano SIM card slot (optional)
 - 1 x Nano Security Slot
-



ENVIRONMENTAL DATA

Environmental Data	Eco-Label Certifications & Declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: - IT ECO declaration - US ENERGY STAR® - US Federal Energy Management Program (FEMP) - EPEAT® Gold registered in the United States. See http://www.epeat.net for registration status in your country. - TCO Certified - China Energy Conservation Program (CECP) - China State Environmental Protection Administration (SEPA) - Taiwan Green Mark - Korea Eco-label - Japan PC Green label*		
	Sustainable Impact Specifications	Product Carbon Footprint - At least 30% System fan, 30% Speaker enclosure, 5% scissors ocean bound plastic in parts¹ - At least 15% post-consumer recycled plastic² - At least 65% recycled metal³ - External Power Supply 90% Efficiency - Low Halogen⁴ 100% of HP paper-based packaging is from recycled or certified sustainable sources⁵ - Bulk packaging available		
	System Configuration	The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a “Typically Configured Notebook”.		
	Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
	Normal Operation (Sort idle)	4.48 W	4.228 W	4.221 W
	Normal Operation (Long idle)	1.069 W	0.78 W	0.708 W
	Sleep	1.069 W	0.78 W	0.708 W
	Off	0.365 W	0.412 W	0.361 W



	Note: Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.		
	Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz
	Normal Operation (Short idle)	15 BTU/hr	14 BTU/hr
	Normal Operation (Long idle)	4 BTU/hr	3 BTU/hr
	Sleep	4 BTU/hr	3 BTU/hr
	Off	1 BTU/hr	1 BTU/hr
	*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
	Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)	Sound Power (L_{WA}, bels)	Sound Pressure (L_{pAm}, decibels)
	Typically Configured - Idle	2.5	18
	Fixed Disk - Random writes	3.4	27
	Active mode - Sequential reads	NA	NA
	Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the Spare parts are available throughout the warranty period and or for up to “5” years after the end of production.	

	Additional Information	- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC. - This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC. - This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). - This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see www.epeat.net - Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043. - This product is 95.3% recycle-able when properly disposed of at end of life.		
	Packaging Materials	External:	PAPER/Corrugated	272.80 g
			PAPER/Molded Pulp	109.80 g
			PAPER/Paper	29.50 g
		The plastic packaging material contains at least 0.0% recycled content.		
		The corrugated paper packaging materials contains at least 50.80% recycled content.		
	RoHS Compliance	HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam. We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to electrical and electronics products. We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve. To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.		



	Material Usage	This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05998906): • Asbestos • Certain Azo Colorants • Certain Brominated Flame Retardants - may not be used as flame retardants in plastics • Cadmium • Chlorinated Hydrocarbons • Chlorinated Paraffins • Bis(2-Ethylhexyl) phthalate (DEHP) • Benzyl butyl phthalate (BBP) • Dibutyl phthalate (DBP) • Diisobutyl phthalate (DIBP) • Formaldehyde • Halogenated Diphenyl Methanes • Lead carbonates and sulfates • Lead and Lead compounds • Mercuric Oxide Batteries • Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user. • Ozone Depleting Substances • Polybrominated Biphenyls (PBBs) • Polybrominated Biphenyl Ethers (PBBEs) • Polybrominated Biphenyl Oxides (PBBOs) • Polychlorinated Biphenyl (PCB) • Polychlorinated Terphenyls (PCT) • Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications. • Radioactive Substances • Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
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	Packaging Usage	HP follows these guidelines to decrease the environmental impact of product packaging: • Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials. • Eliminate the use of ozone-depleting substances (ODS) in packaging materials. • Design packaging materials for ease of disassembly. • Maximize the use of post-consumer recycled content materials in packaging materials. • Use readily recyclable packaging materials such as paper and corrugated materials. • Reduce size and weight of packages to improve transportation fuel efficiency. • Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
	End-of-life Management and Recycling	HP offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: https://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c05403198 or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: HP Product Disassembly Instruction Website. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.



	HP, Inc. Corporate Environmental Information	For more information about HP's commitment to the environment: • Sustainable Impact Report ◦ https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06040843 • Eco-label certifications ◦ https://www.hp.com/us-en/sustainable-impact/document-reports.html#filters_documents_reports=document_type-type_energy_star,type_epeat,type_tcolSO • ISO 14001 certificates ◦ https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c04777932
	Footnotes	1. Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard. 2. Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard. 3. Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams. 4. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen. 5. HP paper and fiber-based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included. Plastic cushions are made from >90% recycled plastic.

SERVICE AND SUPPORT ²⁹

1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to <http://www.hp.com/support/batterywarranty/> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc>

29. HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit <http://www.hp.com/go/cpc>. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.



SYSTEM UNIT

Stand - Alone Power Requirements

(AC Power)

Nominal Operating Voltage	20.0 V
Max Operating Power	UMA < 100 W

Temperature

Operating	0° to 35° C (32° to 95° F) No sustained direct exposure to sunlight, System performance may be reduced above 32°C (89.6°F)
Non - operating	-20° to 60° C (-4° to 140° F) No sustained direct exposure to sunlight, System performance may be reduced above 32°C (89.6°F)

Relative Humidity

Operating	10% to 90% (non-condensing)
Non - operating	5% to 95%, 38.7° C (101.6° F) maximum wet bulb temperature

Shock

Operating	40 G, 2 ms, half-sine
Non - operating	240 G, 2 ms, half-sine

Random Vibration

Operating	1.043 grms
Non - operating	3.500 grms

Altitude(unpressurized)

Operating	3,048 m (10,000 ft)
Non - operating	12,192 m (40,000 ft)

Industry Standard Certifications

Regulatory Model Number	HSN-I68C
CSA/UL 62368-1	Yes
ENERGY STAR® 1	Yes
FCC/ICES/CISPR/VCCI	Yes
CE MARKING	Yes
GS Mark	Yes.
	Related commodity should comply with ISO 9241 Standards.
China CCC/SRRC/CEL	Yes
Taiwan BSMI/NCC	Yes
Korea KCC/KC/KES	Yes



Ukraine NSoC/TEC	Yes
EAEU Compliance	Yes
Saudi Arabian Compliance	Yes
TCO	Yes
EPEAT Gold ²	Yes
Low Blue Light	Yes
WW RoHS	Yes
CECP	No
	This is related to government bids, and the review is usually handled by HP China closer to the RTP.
	They will confirm whether the application is required at that time.
Medical EMC: IEC 60601-1-2:2014 EN60601-1-2: 2015	Yes
SEPA	No
	This is related to government bids, and the review is usually handled by HP China closer to the RTP.
	They will confirm whether the application is required at that time.
MIL - STD Testing ³	MIL-STD 810H

1. MIL STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

2. Configurations that are ENERGY STAR® qualified are identified as ENERGY STAR on HP websites and on <http://www.energystar.gov>

3. Based on US registration according to EPEAT criteria and EPEAT Climate+, status and tier level varies by country. Visit <http://www.epeat.net> for more information.

DISPLAYS

Actual brightness will be lower with touchscreen or HP Sure View.
Availability may vary by country

35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 6 ¹	Active Area	301.590 x 188.500 mm (typ)
	Dimensions (W x H)	306.890 x 197.900 mm (max)
	Weight	230 g (max)
	Diagonal Size	14 inch
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	1,500:1 (typ)
	Refresh Rate	60 Hz (typ)
	Brightness	800 nits (typ)
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920x1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	sRGB 100%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	Yes
	Power Consumption	EBL @ 150 nits: 1.5 W(max)

35.6 cm (14") diagonal, 2.5K (2560 x 1600), LCD, 120Hz (VRR), UWVA, Anti-Glare, WLED+Low Blue Light, 400 nits, Adobe 100% + DCI-P3 100%	Active Area	301.594 x 188.496 mm (typ)
	Dimensions (W x H)	306.890 x 197.900 mm (max)
	Weight	200 g (max)
	Diagonal Size	14 inch
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	2,000:1 (typ)
	Refresh Rate	120 Hz (typ)
	Brightness	400 nits (typ)
	Pixel Resolution	RGB

	Pixel Resolution - Format	2560x1600 (2.5K)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	AD-100 Not Applicable%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	Yes
	Power Consumption	EBL @ 250 nits: 3.1 W(max)
35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, WLED, 300 nits, Low Power, sRGB 62.5%	Active Area	301.590 x 188.500 mm (typ)
	Dimensions (W x H)	307.290 x 198.850 mm (max)
	Weight	300 g (max)
	Diagonal Size	14 inch
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	1,000:1 (typ)
	Refresh Rate	60 Hz (typ)
	Brightness	300 nits (typ)
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920x1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	sRGB 62.5%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	No
	Power Consumption	EBL @ 150 nits: 1.7 W(max) EBL @ 200 nits: 2.1 W(max) EBL @ 250 nits: 2.5 W(max)
35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, Touch on Panel, UWVA, Anti-	Active Area	301.590 x 188.500 (typ)
	Dimensions (W x H)	30.7.59 x 199.15 (max)
	Weight	300 g (max)



Glare, WLED, 300 nits, Low Power, sRGB 62.5%	Diagonal Size	14 inch
	Surface Treatment	Anti-Glare
	Touch Enabled	Yes
	Contrast Ratio	1,000:1 (typ)
	Refresh Rate	60 Hz (typ)
	Brightness	300 nits (typ)
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920x1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	sRGB 62.5%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	No
	Power Consumption	1.75 (max) / 2.15 (max)
35.6 cm (14") diagonal, WUXGA (1920 x 1200), OLED, UWVA, Anti-Glare, OLED+Low Blue Light, 300 nits, DCI-P3 95%	Active Area	301.824 x 188.640 mm (typ)
	Dimensions (W x H)	305.654 x 198.020 mm (max)
	Weight	174 g (max)
	Diagonal Size	14 inch
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	1,000,000:1 (typ)
	Refresh Rate	60 Hz (typ)
	Brightness	300 nits (typ)
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920x1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	OLED
	Color Gamut Coverage	DCI-P3 100%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	Yes

35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, WLED+Low Blue Light, 400 nits, Low Power, sRGB 100%	Power Consumption	EBL @ 200 nits: 3.0 W(max)
	Active Area	301.590 x 188.500 mm (typ)
	Dimensions (W x H)	307.590 x 199.550 mm (max)
	Weight	300 g (max)
	Diagonal Size	14-inch
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	1,200:1 (typ)
	Refresh Rate	60 Hz (typ)
	Brightness	400 nits (typ)
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920x1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	sRGB 100%
	Color Depth	8
	Viewing Angle	UWVA 89/89/89/89
	Low Blue Light	Yes
	Power Consumption	EBL @ 200 nits: 1.4 W(max) EBL @ 250 nits: 1.6 W(max)

1. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

STORAGE

1T PCIe® Gen5 NVMe™ SSD Value ¹	Form Factor	M.2 2280
	Capacity	1 TB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe Gen5 NVMe
	Sequential Read	9500 MB/s ± 10% (in PCIe 5x4 slot)
	Sequential Write	7000 MB/s ± 10% (in PCIe 5x4 slot)
	Logical Blocks	2000409264
	Features	Pyrite 2.0; TRIM; L1.2 Not all features are available in all versions

1TB PCIe® Gen5x4 NVMe™ SSD ¹	Form Factor	M.2 2280
	Capacity	1TB
	NAND Type	Performance
	Weight	10g (0.02 lb)
	Interface	PCIe Gen5 NVMe
	Sequential Read	13000 MB/s ±10% (in PCIe 5x4 slot)
	Sequential Write	9000 MB/s ±10% (in PCIe 5x4 slot)
	Logical Blocks	2000409264
	Features	Pyrite 2.0; TRIM; L1.2 Not all features are available in all versions

1TB PCIe® NVMe™ SSD Value ¹	Form Factor	M.2 2280
	Capacity	1TB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe NVMe
	Sequential Read	3500 MB/s ±10%
	Sequential Write	2700 MB/s ±10%
	Logical Blocks	2000409264
	Features	Pyrite 2.0; TRIM; L1.2 Not all features are available in all versions

2 TB PCIe® Gen5 NVMe™ SSD Value ¹	Form Factor	M.2 2280
	Capacity	2 TB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe Gen5 NVMe
	Sequential Read	10000 MB/s ±10% (in PCIe 5x4 slot)
	Sequential Write	8000 MB/s ±10% (in PCIe 5x4 slot)
	Logical Blocks	4000797360
	Features	Pyrite 2.0; TRIM; L1.2
		Not all features are available in all versions
256 GB PCIe® NVMe™ SSD Value ¹	Form Factor	M.2 2280
	Capacity	256GB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe NVMe
	Sequential Read	3100 MB/s ±10%
	Sequential Write	1200 MB/s ±10%
	Logical Blocks	500118192
	Features	Pyrite 2.0; TRIM; L1.2
		Not all features are available in all versions
512 GB PCIe® Gen5 NVMe™ SSD SSD Value ¹	Form Factor	M.2 2280
	Capacity	512 GB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe Gen5 NVMe
	Sequential Read	9000 MB/s ±10% (in PCIe 5x4 slot)
	Sequential Write	6000 MB/s ±10% (in PCIe 5x4 slot)
	Logical Blocks	1000215216
	Features	Pyrite 2.0; TRIM; L1.2
		Not all features are available in all versions



512 GB PCIe® NVMe™ SSD Value ¹	Form Factor	M.2 2280
	Capacity	512GB
	NAND Type	Value
	Weight	10g (0.02 lb)
	Interface	PCIe NVMe
	Sequential Read	3500 MB/s ±10%
	Sequential Write	1600 MB/s ±10%
	Logical Blocks	1000215216
	Features	Pyrite 2.0; TRIM; L1.2
Not all features are available in all versions		

1. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 32 GB is reserved for system recovery software.

NETWORKING / COMMUNICATION

Qualcomm® FastConnect	Wireless LAN Standards	IEEE 802.11a
C7700 Wi-Fi 7 Bluetooth® 6.0		IEEE 802.11ac
WW WLAN ^{1,2}		IEEE 802.11ax
		IEEE 802.11b
		IEEE 802.11be
		IEEE 802.11d
		IEEE 802.11e
		IEEE 802.11g
		IEEE 802.11h
		IEEE 802.11i
		IEEE 802.11k
		IEEE 802.11n
		IEEE 802.11r
		IEEE 802.11v
	Interoperability	Wi-Fi certified
	Frequency Band	802.11b/g/n/ax/be
		2.402 - 2.482 GHz
		802.11a/n/ac/ax/be
		4.9 - 4.95 GHz (Japan)
		5.15 - 5.25 GHz
		5.25 - 5.35 GHz
		5.47 - 5.725 GHz
		5.825 - 5.850 GHz
		5.955 - 6.415 GHz
		6.435 - 6.515 GHz
		6.535 - 6.875 GHz
		6.895 - 7.115 GHz
	Data Rates	802.11b: 1, 2, 5.5, 11 Mbps
		802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
		802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
		802.11n: max 300Mbps

	802.11ac : 1733Mbps
	802.11ax : max 2.4Gbps
	802.11be : max 2.8Gbps (160MHz)
	802.11be : up to 5.76Gbps (320MHz)
Modulation	Direct Sequence Spread Spectrum
	OFDM, BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024QAM, 4096QAM
Security	IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only
	AES-CCMP: 128 bit in hardware
	802.1x authentication
	WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.
	WPA2 certification
	WPA3 certification
	IEEE 802.11i
	WAPI
Network Architecture	Ad-hoc (Peer to Peer)
Models	Infrastructure (Access Point Required)
Roaming	IEEE 802.11 compliant roaming between access points
Output Power	802.11b, 1Mbps : +17dBm minimum
	802.11g, 6Mbps : +16dBm minimum
	802.11a, 6Mbps : +17dBm minimum
	802.11n, MCS7(HT20) : +14dBm minimum
	802.11n, MCS7(HT40) : +13.5dBm minimum
	802.11ac MCS9(VHT20) : 13.5dBm minimum
	802.11ac MCS9(VHT40) : +13.5dBm minimum
	802.11ac MCS9(VHT80) : +12.5dBm minimum
	802.11ac MCS9(VHT160) : +10.5dBm minimum
	802.11ax MCS11(HE20)(6GHz) : +11.5dBm minimum
	802.11ax MCS11(HE40)(6GHz) : +7.5dBm minimum
	802.11ax MCS11(HE80)(6GHz) : +7.5dBm minimum
	802.11ax MCS11(HE160)(6GHz) : +7.5dBm minimum
	802.11be MCS13(EHT20)(6GHz) : +4dBm minimum



	802.11be MCS13(EHT40)(6GHz) : +7dBm minimum
	802.11be MCS13(EHT80)(6GHz) : +10dBm minimum
	802.11be MCS13(EHT160)(6GHz) : +13dBm minimum
	802.11be MCS13(EHT320)(6GHz) : +16dBm minimum
Power Consumption	Transmit mode : 3.1 W
	Receive mode : 1.8 W
	Idle mode (PSP) : 180 mW (WLAN Associated)
	Idle mode: 50 mW (WLAN unassociated)
	Connected Standby/Modern Standby : 10 mW
	Radio disabled : 8 mW
Power Management	ACPI and PCI Express® compliant power management; 802.11 compliant power saving mode
Receiver Sensitivity ³	802.11b, 1Mbps : -93.5dBm maximum
	802.11b, 11Mbps : -85dBm maximum
	802.11a/g, 6Mbps : -90.5dBm maximum
	802.11a/g, 54Mbps : -72.5dBm maximum
	802.11n, MCS0(HT20) : -90dBm maximum
	802.11n, MCS7(HT20) : -71.5dBm maximum
	802.11n, MCS0(HT40) : -88.5dBm maximum
	802.11n, MCS7(HT40) : -68.5dBm maximum
	802.11ac, MCS9(VHT20) : -88.5dBm maximum
	802.11ac, MCS9(VHT40) : -65.5dBm maximum
	802.11ac, MCS9(VHT80) : -60.5dBm maximum
	802.11ac, MCS9(VHT160) : -58.5dBm maximum
	802.11ax, MCS11(HE20)(6GHz) : -59.5dBm maximum
	802.11ax, MCS11(HE40)(6GHz) : -56.5dBm maximum
	802.11ax, MCS11(HE80)(6GHz) : -53.5dBm maximum
	802.11ax, MCS11(HE160)(6GHz) : -51.5dBm maximum
	802.11be, MCS13(EHT20)(6GHz) : -55.5dBm maximum
	802.11be, MCS13(EHT40)(6GHz) : -53.5dBm maximum
	802.11be, MCS13(EHT80)(6GHz) : -51.5dBm maximum
	802.11be, MCS13(EHT160)(6GHz) : -48.5dBm maximum
	802.11be, MCS13(EHT320)(6GHz) : -45.5dBm maximum



Antenna Type	High efficiency antenna with spatial diversity Two embedded tri-band 2.4/5/6 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications
Form Factor	PCI-Express M.2
Dimensions	M.2 1216 solder down type
Weight	Type 1216 : 0.73g
Operating Voltage	3.3 v +/- 9 %
Bluetooth® Specification	Integrated Bluetooth® specifications 4.0/4.1/4.2/5.0/5.1/5.2/5.3/5.4/6.0 Compliant
Frequency Band	2402 to 2480 MHz
Number of Available Channels	Legacy : 0~79 (1 MHz/CH) BLE : 0~39 (2 MHz/CH)
Data Rates and Throughput	Legacy : 3 Mbps data rate; throughput up to 2.17 Mbps BLE : 1 Mbps data rate; throughput up to 0.2 Mbps Legacy : Synchronous Connection Oriented links up to 3, 64 kbps, voice channels Legacy : Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric (3-DH5) or 864 kbps symmetric (3-EV5)
Transmit Power	The Bluetooth component shall operate as a Class I Bluetooth device with a maximum transmit power of +15.5 dBm for BR and +13dBm for EDR.
Power Consumption	Peak (Tx): 330 mW Peak (Rx): 230 mW Selective Suspend: 17 mW
Bluetooth® Software	Microsoft Windows Bluetooth® Software
Supported Link Topology	
Power Management	ACPI and PCI Express compliant power management 802.11 compliant power saving mode
Certifications	FCC (47 CFR) Part 15C, Section 15.247 & 15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950



**Bluetooth® Profiles
Supported**

- UL, CSA, and CE Mark
- BT4.1-ESR 5/6/7 Compliance
- LE Link Layer Ping
- LE Dual Mode
- LE Link Layer
- LE Low Duty Cycle Directed Advertising
- LE L2CAP Connection Oriented Channels
- Train Nudging & Interlaced Scan
- BT4.2 ESR08 Compliance
- LE Secure Connection- Basic/Full
- LE Privacy 1.2 -Link Layer Privacy
- LE Privacy 1.2 -Extended Scanner Filter Policies
- LE Data Packet Length Extension
- FAX Profile (FAX)
- Basic Imaging Profile (BIP)2
- Headset Profile (HSP)
- Hands Free Profile (HFP)
- Advanced Audio Distribution Profile (A2DP)
- BT5.2
- ESR9/10 Compliance
- LE Advertisement Extensions
- Channel Selection Algo
- Limited High Duty Cycle Non-Connectable Advertising
- 2Mbps LE
- LE Long Range
- BT5.3
- Host to Controller Encryption Key Control Enhancements
- "Compliance to the latest Errata Section 12.3 of BT 5.3 specification
- Periodic Advertisement interval"
- Windows Bluetooth® profiles support



- 1. Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 6E is supported.
- 2. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
- 3. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

Qualcomm X72 5G with HP Go WWAN ⁴	Technology	Operating Bands	WCDMA/HSPA+ operating bands: Band 1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL) Band 2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL) Band 4: 1710 to 1755 MHz (UL), 2110 to 2155 MHz (DL) Band 5: 824 to 849 MHz (UL), 869 to 894 MHz (DL) Band 8: 880 to 915 MHz (UL), 925 to 960 MHz (DL) LTE FDD/TDD operating bands: Band 1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL) Band 2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL) Band 3: 1710 to 1785 MHz (UL), 1805 to 1880 MHz (DL) Band 4: 1710 to 1755 MHz (UL), 2110 to 2155 MHz (DL) Band 5: 824 to 849 MHz (UL), 869 to 894 MHz (DL) Band 7: 2500 to 2570 MHz (UL), 2620 to 2690 MHz (DL) Band 8: 880 to 915 MHz (UL), 925 to 960 MHz (DL) Band 12: 699 to 716 MHz (UL), 729 to 746 MHz (DL) Band 13: 777 to 787 MHz (UL), 746 to 756 MHz (DL) Band 14: 788 to 798 MHz (UL), 758 to 768 MHz (DL) Band 17: 704 to 716 MHz (UL), 734 to 746 MHz (DL) Band 18: 815 to 830 MHz (UL), 860 to 875 MHz (DL) Band 19: 830 to 845 MHz (UL), 875 to 890 MHz (DL) Band 20: 832 to 862 MHz (UL), 791 to 821 MHz (DL) Band 25: 1850 to 1915 MHz (UL), 1930 to 1995 MHz (DL) Band 26: 814 to 849 MHz (UL), 859 to 894 MHz (DL) Band 28: 703 to 748 MHz (UL), 758 to 803 MHz (DL) Band 29: 717 to 728 MHz (DL) Band 30: 2305 to 2315 MHz (UL) 2350 to 2360 MHz (DL)

Band 32: 1452 to 1496 MHz (DL)
Band 34: 2010 to 2025 MHz (UL/DL)
Band 38: 2570 to 2620 MHz (UL/DL)
Band 39: 1880 to 1920 MHz (UL/DL)
Band 40: 2300 to 2400 MHz (UL/DL)
Band 41: 2496 to 2690 MHz (UL/DL)
Band 42: 3400 to 3600 MHz (UL/DL)
Band 43: 3400 to 3800 MHz (UL/DL)
Band 46: 5150 to 5925 MHz (DL)
Band 48: 3550 to 3700 MHz (UL/DL)
Band 66: 1710 to 1800 MHz (UL), 2110 to 2200 MHz (DL)
Band 67: 738 to 758 MHz (DL)
Band 68: 698 to 728 MHz (UL), 753 to 783 MHz (DL)
Band 70: 1695 to 1710 MHz (UL), 1995 to 2020 MHz (DL)
Band 71: 663 to 698 MHz (UL), 617 to 652 MHz (DL)
Band 75: 1432 to 1517 MHz (DL)
Band 76: 1427 to 1432 MHz (DL)
5GNR Sub 6GHz
n1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL)
n2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL)
n3: 1710 to 1785 MHz (UL), 1805 to 1880 MHz (DL)
n5: 824 to 849 MHz (UL), 869 to 894 MHz (DL)
n7: 2500 to 2570 MHz (UL), 2620 to 2690 MHz (DL)
n8: 880 to 915 MHz (UL), 925 to 960 MHz (DL)
n12: 699 to 716 MHz (UL), 729 to 746 MHz (DL)
n13: 777 to 787 MHz (UL), 746 to 756 MHz (DL)
n14: 788 to 798 MHz (UL), 758 to 768 MHz (DL)
n18: 815 to 830 MHz (UL), 860 to 875 MHz (DL)
n20: 832 to 862 MHz (UL), 791 to 821 MHz (DL)
n25: 1850 to 1915 MHz (UL), 1930 to 1995 MHz (DL)
n26: 814 to 849 MHz (UL), 859 to 894 MHz (DL)
n28: 703 to 748 MHz (UL), 758 to 803 MHz (DL)
n29: 717 to 728 MHz (DL)



- n30: 2305 to 2315 MHz (UL) 2350 to 2360 MHz (DL)
- n38: 2570 to 2620 MHz (UL/DL)
- n40: 2300 to 2400 MHz (UL/DL)
- n41: 2496 to 2690 MHz (UL/DL)
- n48: 3550 to 3700 MHz (UL/DL)
- n66: 1710 to 1800 MHz (UL), 2110 to 2200 MHz (DL)
- n67: 738 to 758 MHz (DL)
- n70: 1695 to 1710 MHz (UL), 1995 to 2020 MHz (DL)
- n71: 663 to 698 MHz (UL), 617 to 652 MHz (DL)
- n75: 1432 to 1517 MHz (DL)
- n76: 1427 to 1432 MHz (DL)
- n77: 3300 to 4200 MHz (UL/DL)
- n78: 3300 to 3800 MHz (UL/DL)
- n79: 4400 to 5000 MHz (UL/DL)
- n91: 832 to 862 MHz (UL), 1427 to 1432 MHz (DL)
- n92: 832 to 862 MHz (UL), 1432 to 1517 MHz (DL)
- n93: 880 to 915 MHz (UL), 1427 to 1432 MHz (DL)
- n94: 880 to 915 MHz (UL), 1432 to 1517 MHz (DL)

Wireless Protocol Standards

- NR Sub6G Rel17
- 200MHz 3 DLCA,4x4MIMO, 256 QAM
- 100MHz 2x2 UL MIMO, 256 QAM
- 15KHz SCS for FDD; 30KHz SCS for TDD
- LTE Rel16, 17
- 20L(100MHz) 7 DLCA, 256 QAM
- 40MHz 2 ULCA, 256 QAM
- UMTS Rel8

GPS

- GPS only support L1 C/A

GPS Bands

- "GPS: L1 (1575.42MHz)
- GLONASS: L1 (1602MHz)
- BeidouB1(1561.098MHz)
- Galileo E1 (1575.42)
- QZSS (1575.42 MHz)"



Maximum Data Rates		Sub-6 SA Peak DL 4.67Gbps/UL 1.25Gbps Sub-6 NSA Peak DL 4.06Gbps/UL 550Mbps LTE Peak DL 2Gbps (CAT19)/UL 211Mbps (CAT18) UMTS/HSPA+ DL DC-HSPA+: 42 Mbps (CAT24)/UL 11.5 Mbps (CAT7)
Maximum Output Power		NR : 23 dBm in all band except (n30 = 22dBm & n48=21dBm & n77=25dBm & n41/n77/n78 = 26dBm) LTE: 23 dBm in all band except (B30 = 22dBm & B48=21dBm & B41=26dBm) UMTS: 23.5 dBm
Maximum Power Consumption		2000 mA (peak); 1700mA (average)
Form Factor		M.2 3052-S3 Key B
Weight		8.7 g (0.307 oz)
Dimensions (Length x Width x Thickness)		52 mm × 30 mm × 2.3 mm
Embedded eSIM		Support
Qualcomm X72 5G Solution WWAN ⁴	Technology Operating Bands	WCDMA/HSPA+ operating bands: Band 1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL) Band 2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL) Band 4: 1710 to 1755 MHz (UL), 2110 to 2155 MHz (DL) Band 5: 824 to 849 MHz (UL), 869 to 894 MHz (DL) Band 8: 880 to 915 MHz (UL), 925 to 960 MHz (DL) LTE FDD/TDD operating bands: Band 1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL)



Band 2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL)
Band 3: 1710 to 1785 MHz (UL), 1805 to 1880 MHz (DL)
Band 4: 1710 to 1755 MHz (UL), 2110 to 2155 MHz (DL)
Band 5: 824 to 849 MHz (UL), 869 to 894 MHz (DL)
Band 7: 2500 to 2570 MHz (UL), 2620 to 2690 MHz (DL)
Band 8: 880 to 915 MHz (UL), 925 to 960 MHz (DL)
Band 12: 699 to 716 MHz (UL), 729 to 746 MHz (DL)
Band 13: 777 to 787 MHz (UL), 746 to 756 MHz (DL)
Band 14: 788 to 798 MHz (UL), 758 to 768 MHz (DL)
Band 17: 704 to 716 MHz (UL), 734 to 746 MHz (DL)
Band 18: 815 to 830 MHz (UL), 860 to 875 MHz (DL)
Band 19: 830 to 845 MHz (UL), 875 to 890 MHz (DL)
Band 20: 832 to 862 MHz (UL), 791 to 821 MHz (DL)
Band 25: 1850 to 1915 MHz (UL), 1930 to 1995 MHz (DL)
Band 26: 814 to 849 MHz (UL), 859 to 894 MHz (DL)
Band 28: 703 to 748 MHz (UL), 758 to 803 MHz (DL)
Band 29: 717 to 728 MHz (DL)
Band 30: 2305 to 2315 MHz (UL) 2350 to 2360 MHz (DL)
Band 32: 1452 to 1496 MHz (DL)
Band 34: 2010 to 2025 MHz (UL/DL)
Band 38: 2570 to 2620 MHz (UL/DL)
Band 39: 1880 to 1920 MHz (UL/DL)
Band 40: 2300 to 2400 MHz (UL/DL)
Band 41: 2496 to 2690 MHz (UL/DL)
Band 42: 3400 to 3600 MHz (UL/DL)
Band 43: 3400 to 3800 MHz (UL/DL)
Band 46: 5150 to 5925 MHz (DL)
Band 48: 3550 to 3700 MHz (UL/DL)
Band 66: 1710 to 1800 MHz (UL), 2110 to 2200 MHz (DL)
Band 67: 738 to 758 MHz (DL)
Band 68: 698 to 728 MHz (UL), 753 to 783 MHz (DL)
Band 70: 1695 to 1710 MHz (UL), 1995 to 2020 MHz (DL)
Band 71: 663 to 698 MHz (UL), 617 to 652 MHz (DL)



Band 75: 1432 to 1517 MHz (DL)
Band 76: 1427 to 1432 MHz (DL)
5GNR Sub 6GHz
n1: 1920 to 1980 MHz (UL), 2110 to 2170 MHz (DL)
n2: 1850 to 1910 MHz (UL), 1930 to 1990 MHz (DL)
n3: 1710 to 1785 MHz (UL), 1805 to 1880 MHz (DL)
n5: 824 to 849 MHz (UL), 869 to 894 MHz (DL)
n7: 2500 to 2570 MHz (UL), 2620 to 2690 MHz (DL)
n8: 880 to 915 MHz (UL), 925 to 960 MHz (DL)
n12: 699 to 716 MHz (UL), 729 to 746 MHz (DL)
n13: 777 to 787 MHz (UL), 746 to 756 MHz (DL)
n14: 788 to 798 MHz (UL), 758 to 768 MHz (DL)
n18: 815 to 830 MHz (UL), 860 to 875 MHz (DL)
n20: 832 to 862 MHz (UL), 791 to 821 MHz (DL)
n25: 1850 to 1915 MHz (UL), 1930 to 1995 MHz (DL)
n26: 814 to 849 MHz (UL), 859 to 894 MHz (DL)
n28: 703 to 748 MHz (UL), 758 to 803 MHz (DL)
n29: 717 to 728 MHz (DL)
n30: 2305 to 2315 MHz (UL) 2350 to 2360 MHz (DL)
n38: 2570 to 2620 MHz (UL/DL)
n40: 2300 to 2400 MHz (UL/DL)
n41: 2496 to 2690 MHz (UL/DL)
n48: 3550 to 3700 MHz (UL/DL)
n66: 1710 to 1800 MHz (UL), 2110 to 2200 MHz (DL)
n67: 738 to 758 MHz (DL)
n70: 1695 to 1710 MHz (UL), 1995 to 2020 MHz (DL)
n71: 663 to 698 MHz (UL), 617 to 652 MHz (DL)
n75: 1432 to 1517 MHz (DL)
n76: 1427 to 1432 MHz (DL)
n77: 3300 to 4200 MHz (UL/DL)
n78: 3300 to 3800 MHz (UL/DL)
n79: 4400 to 5000 MHz (UL/DL)
n91: 832 to 862 MHz (UL), 1427 to 1432 MHz (DL)



	n92: 832 to 862 MHz (UL), 1432 to 1517 MHz (DL) n93: 880 to 915 MHz (UL), 1427 to 1432 MHz (DL) n94: 880 to 915 MHz (UL), 1432 to 1517 MHz (DL)
Wireless Protocol Standards	NR Sub6G Rel17 200MHz 3 DLCA,4x4MIMO, 256 QAM 100MHz 2x2 UL MIMO, 256 QAM 15KHz SCS for FDD; 30KHz SCS for TDD LTE Rel16, 17 20L(100MHz) 7 DLCA, 256 QAM 40MHz 2 ULCA, 256 QAM UMTS Rel8
GPS	GPS only support L1 C/A
GPS Bands	"GPS: L1 (1575.42MHz) GLONASS: L1 (1602MHz) BeidouB1(1561.098MHz) Galileo E1 (1575.42) QZSS (1575.42 MHz)"
Maximum Data Rates	Sub-6 SA Peak DL 4.67Gbps/UL 1.25Gbps Sub-6 NSA Peak DL 4.06Gbps/UL 550Mbps LTE Peak DL 2Gbps (CAT19)/UL 211Mbps (CAT18) UMTS/HSPA+ DL DC-HSPA+: 42 Mbps (CAT24)/UL 11.5 Mbps (CAT7)
Maximum Output Power	NR : 23 dBm in all band except (n30 = 22dBm & n48=21dBm & n77=25dBm & n41/n77/n78 = 26dBm) LTE: 23 dBm in all band except (B30 = 22dBm & B48=21dBm & B41=26dBm) UMTS: 23.5 dBm



Maximum Power Consumption	2000 mA (peak); 1700mA (average)
Form Factor	M.2
	3052-S3 Key B
Weight	8.7 g (0.307 oz)
Dimensions (Length x Width x Thickness)	52 mm x 30 mm x 2.3 mm
Embedded eSIM	Support

4. 5G module is optional and must be configured at the factory. Module designed for 5G NR SA(standalone) and 5G NR NSA (non-standalone) Public and Private networks including Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module includes embedded eSIM. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier and frequency bands supported.

NFC NXP NPC400	Dimensions (L x W x H)	17.00 x 10.00 x 2.00 mm (0.67 x 0.39 x 0.08 inch)
	Chipset	NPC400
	System Interface	I2C
	NFC RF Standards	ISO/IEC 14443 A
		ISO/IEC 14443 B
		ISO/IEC 15693
		ISO/IEC 18092
	NFC Forum Support	Type 1,
		Type 2,
		Type 3 / Type 4
	Reader Mode (PCD-VCD)	ISO/IEC 14443 A
		ISO/IEC 14443 B
		ISO/IEC 15693
		MIFARE 1K
		MIFARE 4K
		MIFARE DESFire



	FeliCa
	Jewel and Topaz
Card Emulation Mode (PICC-VICC)	ISO/IEC 14443 A ISO/IEC 14443 B and B' MIFARE
	FeliCa
Frequency	13.56 MHz
NFC Modes Supported	Reader/Writer, Peer-to-Peer
Raw RF Data Rates	106 kbps, 212 kbps, 424 kbps, 848 kbps
Operating Temperature	0 °C to 70 °C (32 °F to 158 °F)
Storage Temperature	-20 °C to 125 °C (-4 °F to 257 °F)
Humidity	Operating: 10% - 90% Non-Operating: 5% - 95%
Supply Operating Voltage	4.35 to 5.25 Volts
I/O Voltage	1.8V
Power Consumption	VDD(VBAT)=3.3V
Mode	Power Consumption, Typical
Polling	14.0 mA
Detected Test Tag Type 1	Total 1.3 mA Net Module 1.0 mA
Detected Test Tag Type 2	Total 1.2 mA Net Module 1.0 mA
Detected Test Tag Type 3	Total 1.1 mA Net Module 1.0 mA
Detected Test Tag Type 4	Total 1.4 mA Net Module 1.0 mA
Antenna	Antenna connector, 0.5mm pitch, 7 connector FPC. Antenna matching is external to module.



Realtek RTL8111HSH 10/100/1000 Integrated NIC	Connector	RJ-45
	System Interface	PCIe + SMBus
	Data Rates Supported	10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14) 100 Mbit/s operation (100BASE-TX; IEEE 802.3u; IEEE 802.3 clauses 21-30) 1000 Mbit/s operation (1000BASE-T; IEEE 802.3ab; IEEE 802.3 clauses 40) Auto-Negotiation (Automatic Speed Selection) Full Duplex Operation at all Speeds, Half Duplex operation at 10 and 100 Mbit/s
	IEEE Compliance	IEEE 802.1p QoS (Quality of Service) Support IEEE 802.1q VLAN support IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable) IEEE 802.3az EEE (Energy Efficient Ethernet)
	Performance	TCP/IP/UDP Checksum Offload (configurable) Protocol Offload (ARP & NS) Large send offload and Giant send offload Receiving Side Scaling Jumbo Frame 9K
	Power Consumption	Cable Disconnection: 25 mW 100Mbps Full Run: 450 mW 1000Mbps Full Run: 1000 mW WoL Enable(S3/S4/S5): 50 mW WoL Disable(S3/S4/S5): 25 mW
	Power Management	ACPI compliant – multiple power modes Situation-sensitive features reduce power consumption Advanced link down power saving for reducing link down power consumption
	Management Interface	Auto MDI/MDIX Crossover cable detection



IT Manageability	Wake-on-LAN from modern standby or sleep state (Magic Packet and Microsoft Wake-Up Frame); Wake-on-LAN from off (Magic Packet only)
	PXE 2.1 Remote Boot
	Statistics Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB (802.3x, clause 30))
	Comprehensive diagnostic and configuration software suite
	Virtual Cable Doctor for Ethernet cable status
Security & Manageability	Non-support



POWER

Power supply availability may vary by country.

Battery is internal and replaceable by customer.

Higher wattage adapter is recommended for best performance and fastest charging.

Using lower-capacity third-party USB Type-C® power cables may reduce power delivery.

HP 100W Wall Mount USB Type-C® GaN Halogen Free AC power adapter	Weight (DC Cable Included)	106 g ± 10 g
	Input	100 Vac ~ 240 Vac
	Input Efficiency	USB-C
		90.00 % min at 115 Vac/ 230 Vac @ 20.00 V/ 5.00 A
	Input frequency range	47 Hz ~ 63 Hz
	Input AC current	Max 1.60 A at 90 Vac input
	Output	
	Output power	20.00 V / 100.00 W
	DC output	+ 20.00 V
	Hold - up time	5 ms at 115 Vac input
	Output Over Current	5.40 A (max)
	Protection	
	AC Inlet Type	Fixed 2 Prong
	DC Cable Connector	USB Type-C
	DC Cable Material	Halogen Free
	Connector	
	Connector	Fixed 2 Prong
	Environmental Design	
	Operating temperature	0°C to 35°C (32°F to 95°F)
	Non - operating(storage) temperature	-20°C to 85°C (-4°F to 185°F)
	Altitude	0 m to 5000 m (0 ft to 16404.2 ft)
	Humidity	20 % to 95 %
	Storage Humidity	10 % to 95 %
	EMI and Safety Certifications	Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018, EN62368-1:2014+A11, UL62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class

B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC

HP 100W Wall Mount USB Type-C® GaN Halogen Free AC power adapter	Weight (DC Cable Included)	250 g ± 10 g
	Input	100 Vac ~ 240 Vac
	Input Efficiency	USB-C
		90.00 % min at 115 Vac/ 230 Vac @ 20.00 V/ 5.00 A
	Input frequency range	47 Hz ~ 63 Hz
	Input AC current	Max 1.60 A at 90 Vac input
	Output	
	Output power	20.00 V / 100.00 W
	DC output	+ 20.00 V
	Hold - up time	5 ms at 115 Vac input
	Output Over Current	5.40 A (max)
	Protection	
	AC Inlet Type	Foldable for 2 prong
	DC Cable Connector	USB Type-C
	DC Cable Material	Halogen Free
	Connector	
	Connector	Foldable for 2 prong
	Environmental Design	
	Operating temperature	0°C to 35°C (32°F to 95°F)
	Non - operating(storage) temperature	-20°C to 85°C (-4°F to 185°F)
	Altitude	0 m to 5000 m (0 ft to 16404.2 ft)
	Humidity	20 % to 95 %
	Storage Humidity	10 % to 95 %
	EMI and Safety Certifications	Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018, EN62368-1:2014+A11, UL62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC),

		EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC
HP 65W Standard USB Type-C® GaN AC power adapter	Weight (DC Cable Included)	185 g ± 10 g
	Input	100 Vac ~ 240 Vac
	Input Efficiency	USB-C
		89.00 % min at 115 Vac/ 230 Vac @ 20.00 V/ 3.25 A
	Input frequency range	47 Hz ~ 63 Hz
	Input AC current	Max 1.60 A at 90 Vac input
	Output	
	Output power	20.00 V / 65.00 W
	DC output	+ 20.00 V
	Hold - up time	5 ms at 115 Vac input
	Output Over Current	5.40 A (max)
	Protection	
	AC Inlet Type	C6
	DC Cable Connector	USB Type-C
	DC Cable Material	Low Halogen
	Connector	
	Connector	C6
	Environmental Design	
	Operating temperature	0°C to 35°C (32°F to 95°F)
	Non - operating(storage) temperature	-20°C to 85°C (-4°F to 185°F)
	Altitude	0 m to 5000 m (0 ft to 16404.2 ft)
	Humidity	20 % to 95 %
	Storage Humidity	10 % to 95 %
	EMI and Safety Certifications	Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018, EN62368-1:2014+A11, UL62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE,

NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS
and RCM, BIS, BSMI, UAE, UKCA DoC

HP 65W Wall Mount USB Type-C® GaN Halogen Free AC power adapter	Weight (DC Cable Included)	185 g ± 10 g
	Input	100 Vac ~ 240 Vac
	Input Efficiency	USB-C
		89.00 % min at 115 Vac/ 230 Vac @ 20.00 V/ 3.25 A
	Input frequency range	47 Hz ~ 63 Hz
	Input AC current	Max 1.60 A at 90 Vac input
	Output	
	Output power	20.00 V / 65.00 W
	DC output	+ 20.00 V
	Hold - up time	5 ms at 115 Vac input
	Output Over Current	5.40 A (max)
	Protection	
	AC Inlet Type	Foldable for 2 prong
	DC Cable Connector	USB Type-C
	DC Cable Material	Halogen Free
	Connector	
	Connector	Foldable for 2 prong
	Environmental Design	
	Operating temperature	0°C to 35°C (32°F to 95°F)
	Non - operating(storage) temperature	-20°C to 85°C (-4°F to 185°F)
	Altitude	0 m to 5000 m (0 ft to 16404.2 ft)
	Humidity	20 % to 95 %
	Storage Humidity	10 % to 95 %
	EMI and Safety Certifications	Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018, EN62368-1:2014+A11, UL62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS



		and RCM, BIS, BSMI, UAE, UKCA DoC
HP 65W Wall Mount USB Type-C® GaN Halogen Free AC power adapter	Weight (DC Cable Included)	185 g ± 10 g
	Input	100 Vac ~ 240 Vac
	Input Efficiency	USB-C
		89.00 % min at 115 Vac/ 230 Vac @ 20.00 V/ 3.25 A
	Input frequency range	47 Hz ~ 63 Hz
	Input AC current	Max 1.60 A at 90 Vac input
	Output	
	Output power	20.00 V / 65.00 W
	DC output	+ 20.00 V
	Hold - up time	5 ms at 115 Vac input
	Output Over Current	5.50 A (max)
	Protection	
	AC Inlet Type	Fixed 2 Prong
	DC Cable Connector	USB Type-C
	DC Cable Material	Halogen Free
	Connector	
	Connector	Fixed 2 Prong
	Environmental Design	
	Operating temperature	0°C to 35°C (32°F to 95°F)
	Non - operating(storage) temperature	-20°C to 85°C (-4°F to 185°F)
	Altitude	0 m to 5000 m (0 ft to 16404.2 ft)
	Humidity	20 % to 95 %
	Storage Humidity	10 % to 95 %
	EMI and Safety Certifications	Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018, EN62368-1:2014+A11, UL62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC

Battery

HP Long Life 3 cell, 56Whr
Polymer

Weight	207 g ± 10 g (0.46 lb)
Cells / Type	3 cell Lithium-Ion Polymer / 586075
Energy	
Voltage	11.58 V
Amp - hour capacity	4.848 Ah
Watt - hour capacity	56 Wh
Temperature	
Operating (Charging)	0°C to 45°C (32°F to 113°F)
Operating (Discharging)	-10°C to 65°C (14°F to 149°F)
Optional Travel Battery Available	No

HP Long Life 3 cell, 68Whr
Polymer

Weight	236 g ± 10 g (0.52 lb)
Cells / Type	3 cell Lithium-Ion Polymer / 636076
Energy	
Voltage	11.67 V
Amp - hour capacity	5.830 Ah
Watt - hour capacity	68 Wh
Temperature	
Operating (Charging)	0°C to 45°C (32°F to 113°F)
Operating (Discharging)	-10°C to 65°C (14°F to 149°F)
Optional Travel Battery Available	No



AUDIO

Privacy panel is only available on select models.

Codec	Qualcomm WCD9387
Audio I/O Ports	3.5mm Headset: CTIA only; Headphone-out
Internal Speaker Amplifier	Qualcomm WSA8845
Multi-streaming Capable	Following Microsoft behavior.
Sampling	DAC: Supports resolutions from 16-bit to 24-bit;48.0 kHz to 48.0 kHz ADC: Supports resolutions from 16-bit to 24-bit;16.0 kHz to 48.0 kHz
Wavetable Syntheses	Yes - Uses OS soft wavetable
# of Channels on Line-Out	Stereo (Left & Right channels)
Internal Speaker	Yes

FINGERPRINT READER

Sensor vendor	ELAN
Sensor type	Capacitive
DPI resolution	508 DPI
Scan area	80 x 80 pixels
False Rejection Rate	< 3%
False Acceptance Rate	< 0.001%
Mobile Voltage Operation	2.7 V ~ 3.6 V
Operating Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Current Consumption Image	35 mA max
Low Latency Wait For Finger	300 uA
Capture Rate	50 frames/sec
ESD Resistance	IEC 61000-4-2 4B (+15KV)
Detection Matrix	508 dpi / 4.0 x 4.0 mm sensor area

Sensor vendor	SYNAPTICS
Sensor type	Capacitive
DPI resolution	363 DPI
Scan area	104 x 86 pixels
False Rejection Rate	< 3%
False Acceptance Rate	< 0.001%
Mobile Voltage Operation	2.7 V ~ 3.6 V
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Current Consumption Image	100 mA max
Low Latency Wait For Finger	260 uA
Capture Rate	50 frames/sec
ESD Resistance	IEC 61000-4-2 4B (+15KV)
Detection Matrix	363 dpi / 7.4 x 6.0 mm sensor area



OPTIONS

Container Name	Description	Part Number
Adapters	HP HDMI to VGA Adapter	H4F02AA
	HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
	HP USB-C to DisplayPort Adapter G2	8Y8Y1AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB-C to RJ45 Adapter G2	4Z527AA
	HP USB-C to USB 3.0 Adapter	N2Z63AA
	HP USB-C to VGA Adapter	N9K76AA
Audio - Earbuds	Poly Voyager Free 60+ UC Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8G4AA
	Poly Voyager Free 60+M UC Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8H0AA
Audio - Headset	HP Poly Focus 625 Fold Headset + Wireless Charge Stand	C56XZAA#ABB, C56XZAA#AC3, C56XZAA#B13
	HP Poly Focus 625 Fold Stereo Bluetooth Headset	C56XSAA#AC3, C56XSAA#B13
	HP Poly Focus 625 Headset + Wireless Charge Stand	C56XXAA#ABB, C56XXAA#AC3, C56XXAA#B13
	HP Poly Focus 625 Stereo Bluetooth Headset	C56XPAA#ABB, C56XPAA#AC3, C56XPAA#B13
	HP Poly Mission 415 Monaural USB Wired Headset Classic	C01A9AA#ABB, C01A9AA#AC3, C01A9AA#B13
	HP Poly Mission 425 Stereo USB Wired Headset Classic	C01B3AA#ABB, C01B3AA#AC3, C01B3AA#B13
	HP Poly Mission 615 Monaural	C01F4AA#ABB, C01F4AA#AC3, C01F4AA#B13



HP Poly Mission 615 Monaural USB Wired Headset	C01C3AA#ABB, C01C3AA#AC3, C01C3AA#B13
HP Poly Mission 625 Stereo	C01F6AA#ABB, C01F6AA#AC3, C01F6AA#B13
HP Poly Mission 625 Stereo USB Wired Headset	C01C6AA#ABB, C01C6AA#AC3, C01C6AA#B13
HP Poly Mission 815 Monaural USB Wired Headset	C01F8AA#ABB, C01F8AA#AC3, C01F8AA#B13
HP Poly Mission 825 Stereo USB Wired Headset	C01FCAA#ABB, C01FCAA#AC3, C01FCAA#B13
HP USB G2 Stereo Headset	428K6AA
Poly Blackwire 3210 Monaural USB-C Headset	8X214AA
Poly Blackwire 3215 Monaural USB-C Headset	8X227AA
Poly Blackwire 3220 Stereo USB-C Headset	8X228AA
Poly Blackwire 3225 Stereo USB-C Headset	8X229AA
Poly Blackwire 3310 Monaural USB-C Headset	8X215AA
Poly Blackwire 3310 Monaural USB-C Headset	8X216AA
Poly Blackwire 3315 Monaural USB-C Headset	8X217AA
Poly Blackwire 3315 Monaural USB-C Headset	8X218AA
Poly Blackwire 3320 Stereo USB-C Headset	8X219AA
Poly Blackwire 3320 Stereo USB-C Headset	8X220AA
Poly Blackwire 3325 Stereo USB-C Headset	8X221AA
Poly Blackwire 3325 Stereo USB-C Headset	8X222AA
Poly Blackwire 5210 Monaural USB-C Headset	8X230AA
Poly Blackwire 5220 Stereo USB-C Headset	8X231AA
Poly Blackwire 8225 Stereo USB-C Headset	8X223AA
Poly Blackwire 8225 Stereo USB-C Headset	8X225AA
Poly EncorePro 510 Monaural Headset	783Q2AA#ABB,



	783Q2AA#AC3
Poly EncorePro 520 Binaural Headset	783P7AA#ABB,
	783P7AA#AC3
Poly EncorePro 530 Headset	783P3AA#ABB,
	783P3AA#AC3
Poly EncorePro 540 Convertible Headset	783P1AA#ABB,
	783P1AA#AC3
Poly EncorePro 720 Binaural Headset	8R707AA#ABB,
	8R707AA#AC3
Poly EncorePro HW710 Single Ear Headset	8R708AA#ABB,
	8R708AA#AC3
Poly EncorePro Monoaural 515 with USB-A Headset	783R0AA
Poly EncorePro Monoaural 515 with USB-A Headset	783R1AA
Poly EncorePro Stereo 525 with USB-A Headset	783R2AA
Poly EncorePro USB-A Stereo 525 Headset	783R3AA
Poly Savi 7310 DECT 1880-1900 MHz Single Ear Headset	8D3G3AA#ABB,
	8D3G3AA#ABG,
	8D3G3AA#UUF
Poly Savi 7310 Monoaural DECT 1880-1900 MHz Headset	8L561AA#ABB,
	8L561AA#ABG,
	8L561AA#UUF
Poly Savi 7310 Monoaural DECT 1880-1900 MHz Headset	8L575AA#ABB,
	8L575AA#ABG,
	8L575AA#UUF
Poly Savi 7310 Monoaural DECT 1920-1930 MHz Headset	7S430AA#ABA,
	7S430AA#ABB,
	7S430AA#ABG,
	7S430AA#ABJ,
	7S430AA#AC4,
	7S430AA#UUF
Poly Savi 7310 Monoaural DECT 1920-1930 MHz Headset	8L570AA#ABA
Poly Savi 7310 Monoaural DECT 1920-1930 MHz Headset	8L585AA#ABA
Poly Savi 7310-M DECT 1880-1900 MHz Single Ear Headset	8D3K7AA#ABB,



	8D3K7AA#ABG, 8D3K7AA#UUF
Poly Savi 7310-M DECT 1920-1930 MHz Single Ear Headset	7S439AA#ABA, 7S439AA#ABB, 7S439AA#ABG, 7S439AA#ABJ, 7S439AA#AC4, 7S439AA#UUF
Poly Savi 7320 Stereo DECT 1880-1900 MHz Headset	8D3F7AA#ABB, 8D3F7AA#ABG, 8D3F7AA#UUF
Poly Savi 7320 Stereo DECT 1880-1900 MHz Headset	8L545AA#ABB, 8L545AA#ABG, 8L545AA#UUF
Poly Savi 7320 Stereo DECT 1880-1900 MHz Headset	8L553AA#ABB, 8L553AA#ABG, 8L553AA#UUF
Poly Savi 7320 Stereo DECT 1893-1906 MHz Headset	8D3F8AA#ABJ
Poly Savi 7320 Stereo DECT 1893-1906 MHz Headset	8L546AA#ABJ
Poly Savi 7320 Stereo DECT 1893-1906 MHz Headset	8L555AA#ABJ
Poly Savi 7320 Stereo DECT 1910-1920 MHz Headset	8D3G0AA#AC4
Poly Savi 7320 Stereo DECT 1920-1930 MHz Headset	7S429AA#ABA, 7S429AA#ABB, 7S429AA#ABG, 7S429AA#ABJ, 7S429AA#AC4, 7S429AA#UUF
Poly Savi 7320 Stereo DECT 1920-1930 MHz Headset	8L549AA#ABA
Poly Savi 7320 Stereo DECT 1920-1930 MHz Headset	8L559AA#ABA
Poly Savi 7320-M Stereo DECT 1880-1900 MHz Headset	8D3J6AA#ABB, 8D3J6AA#ABG, 8D3J6AA#UUF
Poly Savi 7320-M Stereo DECT 1893-1906 MHz Headset	8D3K2AA#ABJ



Poly Savi 7320-M Stereo DECT 1910-1920 MHz Headset	8D3K0AA#AC4
Poly Savi 7320-M Stereo DECT 1920-1930 MHz Headset	7S435AA#ABA, 7S435AA#ABB, 7S435AA#ABG, 7S435AA#ABJ, 7S435AA#AC4, 7S435AA#UUF
Poly Savi 8210 DECT 1880-1900 MHz USB-A Headset	8D3E9AA#ABB, 8D3E9AA#ABG, 8D3E9AA#UUF
Poly Savi 8210 DECT 1880-1900 MHz USB-A Headset	8D3F1AA#ABB, 8D3F1AA#ABG, 8D3F1AA#UUF
Poly Savi 8210 DECT 1920-1930 MHz USB-A Headset	77T29AA#ABA, 77T29AA#ABB, 77T29AA#AC3, 77T29AA#UUF
Poly Savi 8210 DECT 1920-1930 MHz USB-A Headset	77T31AA#ABA, 77T31AA#ABB, 77T31AA#AC3, 77T31AA#UUF
Poly Savi 8220 DECT 1880-1900 MHz USB-A Headset	8D3F2AA#ABB, 8D3F2AA#ABG, 8D3F2AA#UUF
Poly Savi 8220 DECT 1880-1900 MHz USB-A Headset	8D3F5AA#ABB, 8D3F5AA#ABG, 8D3F5AA#UUF
Poly Savi 8220 DECT 1920-1930 MHz USB-A Headset	77T33AA#ABA, 77T33AA#ABB, 77T33AA#AC3, 77T33AA#UUF
Poly Savi 8220 DECT 1920-1930 MHz USB-A Headset	77Y82AA#ABA, 77Y82AA#ABB,



	77Y82AA#AC3,
	77Y82AA#UUF
Poly Savi 8220 Stereo DECT 1880-1900 MHz Top	8Y9C4AA#ABB,
	8Y9C4AA#UUF
Poly Savi 8245 DECT 1880-1900 MHz Headset	8D3H2AA#ABB,
	8D3H2AA#ABG,
	8D3H2AA#UUF
Poly Savi 8245 DECT 1880-1900 MHz USB-A Headset	8D3F4AA#ABB,
	8D3F4AA#ABG,
	8D3F4AA#UUF
Poly Savi 8410 Monaural DECT 1880-1900 MHz Headset	8L5A7AA#ABB,
	8L5A7AA#ABG,
	8L5A7AA#UUF
Poly Savi 8410 Monaural DECT 1880-1900 MHz Headset	8L5A9AA#ABB,
	8L5A9AA#ABG,
	8L5A9AA#UUF
Poly Savi 8410 Monaural DECT 1920-1930 MHz Headset	8L7E6AA#ABA
Poly Savi 8410 Monaural DECT 1920-1930 MHz Headset	8L7E9AA#ABA
Poly Savi 8420 Stereo DECT 1880-1900 MHz Headset	8L5B2AA#ABB,
	8L5B2AA#ABG,
	8L5B2AA#UUF
Poly Savi 8420 Stereo DECT 1880-1900 MHz Headset	8L5B3AA#ABB,
	8L5B3AA#ABG,
	8L5B3AA#UUF
Poly Savi 8420 Stereo DECT 1920-1930 MHz Headset	8L7F2AA#ABA
Poly Savi 8420 Stereo DECT 1920-1930 MHz Headset	8L7F5AA#ABA
Poly Savi 8445 DECT 1880-1900 MHz Convertible Headset	8L5B4AA#ABB,
	8L5B4AA#ABG,
	8L5B4AA#UUF
Poly Savi 8445 DECT 1880-1900 MHz Convertible Headset	8L5B6AA#ABB,
	8L5B6AA#ABG,
	8L5B6AA#UUF
Poly Savi 8445 DECT 1920-1930 MHz Convertible Headset	8L7F1AA#ABA



Poly Savi 8445 DECT 1920-1930 MHz Convertible Headset	8L7F8AA#ABA
Poly Voyager 4310 Headset	77Y93AA
Poly Voyager 4310 Monaural Headset	77Y92AA
Poly Voyager 4310 USB-A Headset	76U48AA
Poly Voyager 4310 USB-A Headset	77Y91AA
Poly Voyager 4310 USB-C Headset	77Y94AA
Poly Voyager 4310 USB-C Headset	77Y95AA
Poly Voyager 4310 USB-C Headset	77Y96AA
Poly Voyager 4310-M USB-C Headset	77Y97AA
Poly Voyager 4320 Headset	77Z00AA
Poly Voyager 4320 Stereo USB-A Headset	77Y99AA
Poly Voyager 4320 USB-A Headset	76U49AA
Poly Voyager 4320 USB-A Headset	77Y98AA
Poly Voyager 4320 USB-C Headset	76U50AA
Poly Voyager 4320 USB-C Headset	77Z30AA
Poly Voyager 4320 USB-C Headset	77Z31AA
Poly Voyager 4320-M Headset	77Z32AA
Poly Voyager Focus 2 USB-C-C Headset	9T9J3AA#AC3
Poly Voyager Focus 2 USB-C-C Headset	9T9J5AA#AC3
Poly Voyager Focus 2 USB-C-C Headset	9T9J6AA#AC3
Poly Voyager Legend 50 Headset UC	AT9M9AA#ABB, AT9M9AA#ABV, AT9M9AA#AC3, AT9M9AA#UUF, AT9M9UT#ABB, AT9M9UT#AC3, AT9M9UT#UUF
Poly Voyager Legend 50-M Headset UC	AJ8V4AA#ABA, AJ8V4AA#ABB, AJ8V4AA#ABV, AJ8V4AA#AC3, AJ8V4AA#UUF, AJ8V4UT#ABB,



		AJ8V4UT#AC3, AJ8V4UT#UUF
	Poly Voyager Surround 80 USB-C Headset	8G7T9AA
	Poly Voyager Surround 80 USB-C Headset	8G7U0AA
	Poly Voyager Surround 85 USB-C Headset	8G7T7AA
	Poly Voyager Surround 85 USB-C Headset	8G7T8AA
Audio - Speaker phone	Poly Sync 10 Speakerphone	77P34AA
	Poly Sync 20 Speakerphone USB-C/A Adapter	B95VJUT#ABB, B95VJUT#AC3
	Poly Sync 20+ Speakerphone	B95VKAA#ABB, B95VKAA#AC3
	Poly Sync 20+M Speakerphone USB-C/A Adapter	B95VLAA#ABB, B95VLAA#AC3
	Poly Sync 20-M Speakerphone USB-C/A Adapter	B95VMUT#ABB, B95VMUT#AC3
	Poly Sync 40 Speakerphone	77P35AA
	Poly Sync 40+ USB-A USB-C Speakerphone	77P36AA
	Poly Sync 40+ USB-A USB-C Speakerphone	772C5AA
	Poly Sync 60 Speakerphone	772C2AA
	Poly Sync 60 Speakerphone	77P41AA
Camera	Poly Sync USB-A USB-C 10 Speakerphone	772C3AA
	Poly Sync USB-A USB-C 40 Speakerphone	772C4AA
	HP 435 Webcam	77B10AA
	HP 625 Webcam	6Y7L1AA
	HP USB-A 325 Webcam	53X27AA
Cases	HP 115 15.6 Laptop Backpack	8DV45AA
	HP 14 Convertible Laptop Backpack Tote	9C2H1AA
	HP 14 Modular Laptop Sleeve	9J499AA
	HP 15.6 Modular Laptop Backpack	9J496AA
	HP 15.6 Modular Laptop Bag	9J497AA
	HP 15.6 Modular Laptop Sleeve	9J498AA
	HP 215 15.6 Laptop Backpack	35L98UT
	HP 225 15.6 Laptop Backpack	2P7U6UT



HP 235 15.6 Laptop Backpack	35M00AA
HP 315 15.6 Laptop Backpack	35L97AA
HP Campus blue Backpack	7K0E5AA
HP Campus Core 16 blue Laptop Backpack	B9RB4AA
HP Campus Core 16 green Laptop Backpack	B9RB5AA
HP Campus green Backpack	7K0E4AA
HP Campus XL Marble Stone Backpack	7K0E2AA
HP Campus XL Tie Dye Backpack	7K0E3AA
HP Convertible Laptop Stand	9C2H2AA
HP Everyday 14 odyssey gray Laptop Bag	A08KJAA
HP Everyday 14 odyssey gray Laptop Briefcase	A08KGAA
HP Everyday 16 odyssey gray Laptop Backpack	A08KLUT
HP Everyday 16 odyssey gray Laptop Bag	A08KKAA
HP Everyday 16 odyssey gray Laptop Briefcase	A08KHUT
HP Modern 14-inch moonless Night Laptop Briefcase	CJ8D0AA
HP Modern 14-inch navy blazer Laptop Briefcase	CJ8F8AA
HP Prelude 15.6 Backpack	1E7D6UT, 50P32AA
HP Prelude 15.6 Top Load	1E7D7AA, 50P31AA
HP Prelude Pro Recycled 15.6 Backpack	1X644AA
HP Prelude Pro Recycled 15.6 Top Load	1X645AA
HP Protective 13-14 atmospheric blue Laptop Sleeve	C3TR3UT
HP Protective 13-14 meteor silver Laptop Sleeve	C3TR2UT
HP Renew Business 14.1 Laptop Bag	3E5F9AA
HP Renew Business 14.1 Laptop Sleeve	3E2U7AA
HP Renew Business 15.6 Laptop Bag	3E5F8AA
HP Renew Business 17.3 Laptop Backpack	3E2U5UT
HP Renew Business 17.3 Laptop Bag	3E2U6AA
HP Renew Executive 14.1 Laptop Sleeve	6B8Y3AA
HP Renew Executive 16 Laptop Backpack	6B8Y1UT
HP Renew Executive 16 Laptop Bag	6B8Y2AA
HP Travel 18 Liter 15.6 iron gray Laptop Backpack	6H2D9AA
HP Travel 25 Liter 15.6 iron gray Laptop Backpack	6H2D8AA
HP Travel Plus 15 Liter 14 Laptop Bag	A2CE2AA



Commodity

HP Travel Plus 22 Liter 16 Laptop Bag	A2CE1AA
HP Travel Plus 30 Liter 17 Laptop Backpack	A2CE0AA
HP USB DVD-Writer External ODD	F2B56AA
HP 14-inch Widescreen Laptop Privacy Filter	BH0M6AA
HP Combination Nano Cable Lock	63B28UT
HP Essential Combination Nano Cable Lock	63B31AA
HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Master Keyed Cable Lock	1AJ40AA
HP SureKey Standard/Nano/Wedge Cable Lock	6UW42AA

Docking

HP Thunderbolt™ 100W G6 Dock	9X472AA#AB0, 9X472AA#AB1, 9X472AA#AB2, 9X472AA#ABA, 9X472AA#ABB, 9X472AA#ABG, 9X472AA#ABJ, 9X472AA#ABM, 9X472AA#ABT, 9X472AA#ABU, 9X472AA#ABY, 9X472AA#ABZ, 9X472AA#AC4, 9X472AA#AC8, 9X472AA#ACJ, 9X472AA#ACQ, 9X472AA#UUF, 9X472AA#UUZ, 9X472UT#AB0, 9X472UT#AB1, 9X472UT#AB2, 9X472UT#ABA, 9X472UT#ABB, 9X472UT#ABG,
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HP Thunderbolt™ 180W G6 Dock

- 9X472UT#ABJ,
- 9X472UT#ABM,
- 9X472UT#ABT,
- 9X472UT#ABU,
- 9X472UT#ABY,
- 9X472UT#ABZ,
- 9X472UT#AC4,
- 9X472UT#AC8,
- 9X472UT#ACJ,
- 9X472UT#ACQ,
- 9X472UT#AR6,
- 9X472UT#UUF,
- 9X472UT#UUZ
- 9X481AA#AB0,
- 9X481AA#AB1,
- 9X481AA#AB2,
- 9X481AA#ABA,
- 9X481AA#ABB,
- 9X481AA#ABG,
- 9X481AA#ABJ,
- 9X481AA#ABM,
- 9X481AA#ABT,
- 9X481AA#ABU,
- 9X481AA#ABY,
- 9X481AA#ABZ,
- 9X481AA#AC4,
- 9X481AA#AC8,
- 9X481AA#ACJ,
- 9X481AA#ACQ,
- 9X481AA#UUF,
- 9X481AA#UUZ,
- 9X481UT#AB0,
- 9X481UT#AB1,



HP Thunderbolt™ 280W G6 Dock

- 9X481UT#AB2,
- 9X481UT#ABA,
- 9X481UT#ABB,
- 9X481UT#ABG,
- 9X481UT#ABJ,
- 9X481UT#ABM,
- 9X481UT#ABT,
- 9X481UT#ABU,
- 9X481UT#ABY,
- 9X481UT#ABZ,
- 9X481UT#AC4,
- 9X481UT#AC8,
- 9X481UT#ACJ,
- 9X481UT#ACQ,
- 9X481UT#AR6,
- 9X481UT#UUF,
- 9X481UT#UUZ
- AW5L5AA#AB0,
- AW5L5AA#AB1,
- AW5L5AA#AB2,
- AW5L5AA#ABA,
- AW5L5AA#ABB,
- AW5L5AA#ABG,
- AW5L5AA#ABJ,
- AW5L5AA#ABM,
- AW5L5AA#ABT,
- AW5L5AA#ABU,
- AW5L5AA#ABY,
- AW5L5AA#ABZ,
- AW5L5AA#AC4,
- AW5L5AA#AC8,
- AW5L5AA#ACJ,
- AW5L5AA#ACQ,



HP USB-C™ 100W G6 Dock

- AW5L5AA#UUF,
- AW5L5AA#UUZ,
- AW5M5UT#AB0,
- AW5M5UT#AB1,
- AW5M5UT#AB2,
- AW5M5UT#ABA,
- AW5M5UT#ABB,
- AW5M5UT#ABG,
- AW5M5UT#ABJ,
- AW5M5UT#ABM,
- AW5M5UT#ABT,
- AW5M5UT#ABU,
- AW5M5UT#ABY,
- AW5M5UT#ABZ,
- AW5M5UT#AC4,
- AW5M5UT#AC8,
- AW5M5UT#ACJ,
- AW5M5UT#ACQ,
- AW5M5UT#AR6,
- AW5M5UT#UUF,
- AW5M5UT#UUZ
- 9X3V1AA#AB0,
- 9X3V1AA#AB1,
- 9X3V1AA#AB2,
- 9X3V1AA#ABA,
- 9X3V1AA#ABB,
- 9X3V1AA#ABG,
- 9X3V1AA#ABJ,
- 9X3V1AA#ABM,
- 9X3V1AA#ABT,
- 9X3V1AA#ABU,
- 9X3V1AA#ABY,
- 9X3V1AA#ABZ,



		9X3V1AA#AC4, 9X3V1AA#AC8, 9X3V1AA#ACJ, 9X3V1AA#ACQ, 9X3V1AA#UUF, 9X3V1AA#UUZ, 9X3V1UT#AB0, 9X3V1UT#AB1, 9X3V1UT#AB2, 9X3V1UT#ABA, 9X3V1UT#ABB, 9X3V1UT#ABG, 9X3V1UT#ABJ, 9X3V1UT#ABM, 9X3V1UT#ABT, 9X3V1UT#ABU, 9X3V1UT#ABY, 9X3V1UT#ABZ, 9X3V1UT#AC4, 9X3V1UT#AC8, 9X3V1UT#ACJ, 9X3V1UT#ACQ, 9X3V1UT#AR6, 9X3V1UT#UUF, 9X3V1UT#UUZ
Hub	HP 4K USB-C Multiport Hub	6G843AA
	HP Portable USB-C 4K HDMI Hub	BR1U0UT
	HP Portable USB-C Hub	B8SU8UT
	HP Universal USB-C Hub and Laptop Charger Combo	9H0H9AA
	HP Universal USB-C Multiport Hub	50H55UT
	HP USB-C to USB-A Hub	Z6A00AA
	HP USB-C Travel Hub G3	86S97UT
	HP 125 G2 Wired Keyboard	AY2Y7AA
Keyboard		



Keyboard & Mouse Combo	HP 225 Wireless Keyboard	805T1AA
	HP 320K G2 Wired Keyboard	9SR37UT
	HP 355 Compact Multi-Device Keyboard	692S9AA
	HP 405 Backlit Wired Keyboard	7N7C1AA,7N7C1UT
	HP 435 Programmable Wireless Keypad	7N7C3AA
	HP 475 Dual-Mode Wireless Keyboard	7N7B9AA,7N7B9UT
	HP 485 Comfort Wired Keyboard	8T6M2AA
	HP 495K Multi-Device Keyboard	BD5F5UT
	HP 585K Multi-Device Keyboard with Palm Rest	BD5F7AA
	HP 685 Comfort Dual-Mode Keyboard	8T6L9UT
	HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA
	HP 965 black Ergonomic Wireless Keyboard	7E756AA
	HP 975 Dual-Mode USB+Bluetooth Wireless Keyboard	3Z726AA
	HP 225 Wired Mouse and Keyboard Combo G2	AX2Y7AA
	HP 225 Wired Mouse and Keyboard Combo Cashmere White G2	AW5S6AA
	HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT
	HP 685 Comfort Dual-Mode Keyboard and Mouse Combo	8T6L7UT
	HP 725 Multi-Device Rechargeable Wireless Keyboard and Mouse Combo	9T5B0UT
	HP Multi-Device Dual-Mode Mouse and Keyboard Combo 495C	BE1Q0UT
	HP Multi-Device Dual-Mode Mouse and Keyboard Combo 495C White	BE1M6AA
Mouse	HP Multi-Device Dual-Mode Mouse and Keyboard Combo with Palm Rest 585C	BD5F3AA
	HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
	HP 105 Black Wired Mouse	822M9UT
	HP 105 Mouse Pad	8X595AA
	HP 125 Wired Mouse	265A9UT
	HP 128 Laser Wired Mouse	265D9AA
	HP 205 Desk Mat	8X597AA
	HP 235 Slim Wireless Mouse	4E407UT
	HP 245 Black Bluetooth Mouse	81S67AA,81S67UT
	HP 255 Dual Wireless Mouse	8R3U1UT
	HP 285 Silent Wireless Mouse	6G4E6AA



Power	HP 320M Wired Mouse	9VA80AA
	HP 405 Quiet Black Wireless Mouse	AZ7B3AA
	HP 425 Programmable Wireless Mouse	7M1D5AA
	HP 435 Multi-Device Wireless Mouse	3B4Q5UT
	HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
	HP 695 Qi-Charging Wireless Mouse	8F1Y4AA
	HP 705 Rechargeable Wireless Mouse	AZ7B1AA
	HP 715 Rechargeable Multi-Device Bluetooth Mouse	6E6F0AA
	HP 925 Ergonomic Vertical Wireless Mouse	6H1A5AA
	HP Tilt Ergonomic Mouse 725M	BH0Z5AA
	HP Ultra-Fast Scroll Wireless Mouse 785M	B8YX4AA
	HP 110W USB-C Laptop Charger	8B3Y2UT
	HP 140W USB-C Laptop Charger	B7NK0AA
	HP 65W LC USB-C AC power adapter	1P3K6AA
	HP 65W HF LC USB-C AC power adapter	AJ7X5AA
	HP 65W USB-C Laptop Charger	671R3UT
	HP 56Wh Replaceable Laptop Battery	BF8G4AA

CHANGELOG

Date of change	Version History		Description of change
May 26, 2026	V1 to V2	Added	Environmental Images and Callouts
June 17, 2026	V2 to V3	Updated	Storage
June 19, 2026	V3 to V4	Updated	Power
July 16, 2026	V4 to V5	Updated	Networking /Communications
August 11, 2026	V5 to V6	Updated	Networking /Communications
August 13, 2026	V6 to V7	Updated	Battery Life
September 29, 2026	V7 to V8	Updated	Memory

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