

HP EliteBook X G1a 14 inch Notebook Next Gen AI PC



Front

- | | | | |
|---|-------------------------|---|-----------|
| 1 | Internal Microphone (2) | 5 | IR Camera |
| 2 | Webcam LED | 6 | IR LED |
| 3 | Webcam | 7 | Speakers |
| 4 | Camera Shutter | 8 | Touchpad |



		Sides	
1	HDMI 2.1	7	Speakers
2	USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)	8	Power Indicator LED
3	Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ¹	9	Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ¹
4	Power Indicator LED	10	USB Type-A 10Gbps signaling rate (Powered)
5	Headphone/mic combo jack	11	Security lock slot
6	Speakers		

1. SuperSpeed USB 20Gbps signaling rate is not available with Thunderbolt™ 4.

PRODUCT NAME

HP EliteBook X G1a 14 inch Notebook Next Gen AI PC

OPERATING SYSTEMS

Preinstalled

FreeDOS

Windows 11 Home - HP recommends Windows 11 Pro for business ²

Windows 11 Home Single Language - HP recommends Windows 11 Pro for business ²

Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ²

Windows 11 Pro ²

2. 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 ^{3,4,5,6,7}	Cores	Threads	L3 Cache	Max Boost Frequency ⁵	Base Frequency	NPU
AMD Ryzen™ AI 7 PRO 360	8 cores	16	16 MB	5.0 GHz	2.0 GHz	50 TOPS
AMD Ryzen™ AI 9 HX PRO 375	12 cores	24	24 MB	5.1 GHz	2.0 GHz	55 TOPS

Processor Family

AMD Ryzen™ AI 7 PRO processor

AMD Ryzen™ AI 9 PRO processor

3. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

4. Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

5. Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

6. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.

7. 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. Performance varies by use, configuration, and other factors



GRAPHICS

Integrated

AMD Radeon™ Graphics

Supports

UMA: Support HD decode, DX12, HDMI 2.1, HDCP 2.3



DISPLAY

Non-Touch

35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, 400 nits, sRGB 100%⁸

Touch

35.6 cm (14") diagonal, 3K (2880 x 1800), OLED, UWVA, Touch, 120Hz (VRR), BrightView, OLED + Low Blue Light, 400 nits, DCI-P3 100%^{8,9}

Display Size (Diagonal)

35.6 cm (14.0")

Screen to Body Ratio

Up to 90.84%

Aspect Ratio

16:10

Max Hinge Open Angle

157±3°

8. Resolutions are dependent upon monitor capability, and resolution and color depth settings.

9. Actual brightness will be lower with touchscreen.



DOCKING (SOLD SEPARATELY)

Docking station model name	HP Thunderbolt 120W G4 Dock
Total number of supported displays (incl. the notebook) display)	4
Max.resolutions supported	Quad 4K @60Hz Dual 8K single cable@30 for Thunderbolt hosts or USB-C hosts DisplayPort 1.4 with Display Stream Compression in High-Resolution Mode
Dock Connectors	2x HDMI 2.0, 2x DisplayPort® 1.4, 1x Thunderbolt® 4, 1x USB Type-C® 3.2 Gen 2 DisplayPort®
Technicallimitations	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 Dock G5
Total number of supported displays (incl. the notebook) display)	3
Max.resolutions supported	Multi-Function Mode: (2) 5k @ 30Hz and (1) 4k UHD @ 30Hz on any port High-Resolution Mode: (2) 5k @ 60Hz on DisplayPort ports and (1) 4k UHD @ 60Hz on HDMI port
Dock Connectors	1x HDMI 2.0, 2x DisplayPort® 1.4
Technicallimitations	Maximum resolution and display support is dependent on the maximum capability of the notebook. Highest resolution with dual displays is two 8K@ 60Hz 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

Primary Storage

2 TB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell ¹⁰

1 TB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell ¹⁰

512 GB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell ¹⁰

512 GB PCIe® Gen4x4 NVMe™ Self Encrypted OPAL2 SSD Three Layer Cell ¹⁰

256 GB PCIe® NVMe™ SSD Value ¹⁰

10. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.



MEMORY

Maximum Memory

64GB LPDDR5X-8533 MT/s

Memory

64GB LPDDR5X-8533 MT/s

32GB LPDDR5X-8533 MT/s

16GB LPDDR5X-8533 MT/s

Memory Slots

No memory slots.

Memory soldered down.

System runs at 8000 MT/s

Supports Dual Channel Memory

The memory is non-accessible / non-upgradeable.



NETWORKING /COMMUNICATIONS

WLAN

MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card with external antenna ^{11,12}

NFC

NFC Mirage WNC XRAV-1 (optional)

Miracast

Native Miracast Support ¹³

11. 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 Intel® 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. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

12. Wi-Fi 7 availability starting from Summer/Fall, 2024

13. 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

4 Integrated stereo speakers

Discrete Amplifiers

2 Integrated dual array microphone

Speaker Power

1W / 8 ohm per speaker

Camera

5 MP camera, IR camera

Sensors

Accelerometer

Fingerprint Sensor (optional)

Hall Effect Sensor

HP Sure Platform

HP Tamper Lock ¹⁴

Thermal Sensor

14. HP Tamper Lock must be enabled by the customer or your administrator.

KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard

HP Premium Keyboard, spill-resistant, backlit keyboard.

Pointing Device

Clickpad

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

F3 - Brightness Down

F4 - Brightness Up

F5 - Keyboard Backlight

F6 - Audio Mute

F7 - Volume Down

F8 - Volume Up

F9 - Mic Mute

F10 - Play and Pause

F11 – Programmable Key

F12 - HOME

End

Insert

Delete

Power Button (with LED) – integrated with Fingerprint sensor (optional)

Microsoft Copilot ¹⁵

Hidden Function Keys

Fn + R - Break

Fn + S - Sys Rq

Fn + C - Scroll Lock

Fn + E - Insert

Fn + W - Pause

¹⁵ Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See

<http://aka.ms/WindowsAIFeatures>



SOFTWARE AND SECURITY

Application Software

Buy Microsoft Office (sold separately)

HP Connection Optimizer

Edge Customization

HP AI Companion

HP Hotkey Support

HP Mac Address Manager

HP Notifications

HP PC Hardware Diagnostics UEFI

HP PC Hardware Diagnostics Windows

HP Privacy Settings

HP Services Scan for Commercial

HP Smart Support ¹⁶

HP Support Assistant ¹⁷

myHP

HSA Fusion for Commercial

HSA Telemetry for Commercial

Poly Camera Pro

Poly Lens ¹⁸

Manageability Features

HP Client Catalog (download) ¹⁹

HP Client Management Script Library (download) ²⁰

HP Cloud Recovery ²¹

HP Connect for Microsoft Endpoint Manager

HP Driver Packs (download) ²²

HP Image Assistant (download) ²³

HP Manageability Integration Kit (download) ²⁴

HP Power Manager with Battery Health Manager (download) ²⁵

Security Management

Secured-Core PC Enable ²⁶

Windows Hello Enhanced Sign-In Security (ESS)

HP Wolf Security of Business ²⁷ includes:

HP Sure Admin ²⁸

HP Sure Click ²⁹

HP Sure Recover ³⁰

HP Sure Run ³¹

HP Sure Sense ³²

HP Sure Start ³³

HP Tamper Lock



Security- TPM

Model: Nuvoton NPCT760HACYX

Firmware Version: FW 7.2.4.0

TCG TPM 2.0

FIPS 140-2 Compliant: Yes

BIOS

Absolute Persistence Module ³⁴

Audio Permanent Disable

BIOS Update via Network

HP Bios Recovery

HP BIOSphere Gen6 ³⁵

HP DriveLock & Automatic DriveLock

HP Fingerprint Sensor ³⁶

HP Secure Erase ³⁷

HP Wake on WLAN

TPM

IPv6 Support

Yes

FirstNet Certified

No

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

UEFI version: 2.7

Class: 3

16. HP Smart Support requires the HP Insights agent to be installed. For more information about how to enable or to download HP Smart Support, please visit <http://www.hp.com/smart-support>. HP Services Scan is preinstalled and/or provided thru Windows Update and will check entitlement on each hardware device to determine if an HP Insights agent-enabled service has been purchased, and will download applicable software automatically. HP Insights agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit <http://www.hpdaas.com/requirements>.

17. HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant>

18. Poly Lens Desktop requires a Windows OS

19. HP Client Catalog not preinstalled, however available for download at <https://www.hp.com/us-en/solutions/client-management-solutions.html>

20. HP Client Management Script Library can be downloaded from <https://www.hp.com/us-en/solutions/client-management-solutions.html>



21. HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, network connection. **NOTE:** You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/computer>.
22. HP Driver Packs not preinstalled, however available for download at <https://support.hp.com/us-en/search?q=driver%20packs>
23. HP Image Assistant not preinstalled, however available for download at <https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>
24. HP Manageability Integration Kit not preinstalled, however available for download from <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>
25. HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/us-en/document/ish_4449597-3519507-16
26. 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.
27. HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.
28. HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store
29. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
30. HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs which requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.
31. HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
32. HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.
33. HP Sure Start is available on select HP PCs and requires Windows 10 and higher
34. Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/>
35. HP BIOSphere features may vary depending on the platform and configuration
36. HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.
37. HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

POWER

Power Supply

HP 140W Slim USB Type-C® AC power adapter (India only)

HP 100W Slim USB Type-C® AC power adapter

Battery

HP XL-Long Life 4 cell, 74.5Whr Polymer ³⁸

Battery Recharge Time

Supports battery HP Fast Charge: approximately 50% in 30 minutes ³⁹

Power Cord

3-wired plug- 1.0m

Battery life

Up to 19 hours 30 minutes with 74.5Whr battery (AMD Ryzen™AI 7 PRO 360, UMA graphic, brightness set to 250nits on a WUXGA 400nits LCD display, 16GB LPDDR5x memory, 256GB SSD) ⁴⁰

Up to 10 hours 45 minutes with 74.5Whr battery (AMD Ryzen™AI 7 PRO 360, UMA graphic, brightness set to 200nits on a 3K OLED 400nits touch display, 16GB LPDDR5x memory, 256GB SSD) ⁴⁰

38. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

39. 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.

40. Mobile Mark 25 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. See www.bapco.com for additional details.



WEIGHT & DIMENSIONS

Product Weight

Starting at 1.497Kg (3.3 lbs) with 74.50 Wh battery

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

Product Dimensions (w x d x h) ⁴¹

312.20 mm (W) x 214.65 mm (D) x 9.22 mm (front)/ 13.16 mm (rear)

Maximum height 18.3 mm

Pallet Dimensions (w x d x h) ⁴²

12" to 15" boxes (305mm height): 1200mm x 1000mm x 1080mm

41. 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.

42. 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](#).



PORTS/SLOTS

Left side

- 1 x Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ⁴³
- 1 x USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)
- 1 x HDMI 2.1
- 1 x headphone/mic combo jack

Right side

- 1 x Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ⁴³
- 1 x USB Type-A 10Gbps signaling rate (Powered)
- 1 x Security lock slot

43. SuperSpeed USB 20Gbps signaling rate is not available with Thunderbolt™ 4.



SERVICE AND SUPPORT

1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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>⁴⁴

44. 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 50° C (32° to 122° F) No sustained direct exposure to sunlight, System performance may be reduced above 32°C (89.6°F)
Non-operating	-20° to 65° C (-4° to 149° F) No sustained direct exposure to sunlight, System performance may be reduced above 32°C (89.6°F)

Relative Humidity

Operating	0% to 80% (non-condensing)
Non-operating	0% 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

Planned Industry Standard Certifications

Regulatory Model Number	HSTNS-I001
CSA/UL 62368-1	Yes
ENERGY STAR®	Yes ⁴⁵
FCC/ICES/CISPR/VCCI	Yes
CE MARKING	Yes
GS Mark	Yes
	Related commodity should comply with ISO 9241 Standards.
China CCC/SRRC	Yes
Taiwan BSMI/NCC	Yes
Korea KCC/KC/KES	Yes
Ukraine NSoC/TEC	Yes
EAEU Compliance	Yes
Saudi Arabian Compliance	Yes
TCO	Yes
EPEAT®	EPEAT® Gold in the United States ⁴⁶
Low Blue Light	Yes
WW RoHS	Yes
MIL-STD 810H Testing	Yes

45. Configurations of the HP EliteBook X G1a 14 inch Notebook that are ENERGY STAR® qualified are identified as HP EliteBook X G1a 14 inch Notebook PC ENERGY STAR on HP websites and on <http://www.energystar.gov>.

46. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit <http://www.epeat.net> for more information.



DISPLAYS

1. Actual brightness will be lower with touchscreen.

NOTE: All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

35.6 cm (14") diagonal, 3K (2880 x 1800), OLED, UWVA, Touch, 120Hz (VRR), BrightView, OLED + Low Blue Light, 400 nits, DCI-P3 100%	Dimensions (W x H)	305.450 x 197.850 mm (max)
	Active Area	301.824 x 188.640 mm (typ)
	Weight	139 g (max)
	Diagonal Size	14.0 inch
	Surface Treatment	Bright View
	Touch Enabled	Yes
	Contrast Ratio	100,000:1 (typ)
	Refresh Rate	48 ~ 120 Hz (typ)
	Brightness	400 nits ¹
	Pixel Resolution	RGB
	Pixel Resolution - Format	2880 x 1800 (3K)
	Aspect Ratio	16:10
	Backlight	OLED
	Color Gamut Coverage	DCI P3 100%
	Color Depth	8 bit + FRC 2 bit
Viewing Angle	UWVA 89/89/89/89	
Low Blue Light	Yes	
Power Consumption	4.42(max) / 4.09(max)	

35.6 cm (14") diagonal, WUXGA (1920 x 1200), LCD, UWVA, Anti-Glare, 400 nits, sRGB 100%	Dimensions (W x H)	307.550 x 204.860(max)
	Active Area	301.590 x 188.500 (typ)
	Weight	200(max)
	Diagonal Size	14
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	1200: 1 (typ)
	Refresh Rate	60 (typ)
	Brightness	400 nits ¹
	Pixel Resolution	RGB
	Pixel Resolution - Format	1920 x 1200 (WUXGA)
	Aspect Ratio	16:10
	Backlight	WLED
	Color Gamut Coverage	sRGB 100%
	Color Depth	8 bits
Viewing Angle	UWVA 89/89/89/89	
Low Blue Light	No	
Power Consumption	1.64 (max) / 1.97(max)	



STORAGE

For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.

2 TB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell	Form Factor	M.2 2280
	Capacity	2 TB
	NAND Type	TLC
	Weight	9 g (0.02 lb)
	Interface	PCIe NVMe Gen4X4
	Sequential Read	6400 MB/s ±20%
	Sequential Write	5000 MB/s ±20%
	Logical Blocks	4,000,797,360
	Features	Pyrite 2.0; TRIM; L1.2

1 TB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell	Form Factor	M.2 2280
	Capacity	1 TB
	NAND Type	TLC
	Weight	9 g (0.02 lb)
	Interface	PCIe NVMe Gen4X4
	Sequential Read	6400 MB/s ±20%
	Sequential Write	5000 MB/s ±20%
	Logical Blocks	2,000,409,264
	Features	Pyrite 2.0; TRIM; L1.2

512 GB PCIe® Gen4x4 NVMe™ SSD Three Layer Cell	Form Factor	M.2 2280
	Capacity	512 GB
	NAND Type	TLC
	Weight	9 g (0.02 lb)
	Interface	PCIe NVMe Gen4X4
	Sequential Read	6400 MB/s ±20%
	Sequential Write	3500 MB/s ±20%
	Logical Blocks	1,000,215,215
	Features	Pyrite 2.0; TRIM; L1.2

512GB PCIe® Gen4x4 NVMe™ Self Encrypted OPAL2 SSD Three Layer Cell	Form Factor	M.2 2280
	Capacity	512 GB
	NAND Type	TLC
	Weight	10 g (0.02 lb)
	Interface	PCIe NVMe Gen4X4
	Sequential Read	6400 MB/s ±20%
	Sequential Write	3500 MB/s ±20%
	Logical Blocks	1,000,215,215
	Features	TCG Opal 2.0; TRIM; L1.2



256 GB PCIe® NVMe™ SSD Value	Form Factor	M.2 2280
	Capacity	256 GB
	NAND Type	TLC
	Weight	10 g (0.02 lb)
	Interface	PCIe NVMe Gen4X4
	Sequential Read	2000 MB/s ±20%
	Sequential Write	900 MB/s ±20%
	Logical Blocks	500,118,192
	Features	Pyrite 2.0; TRIM; L1.2



NETWORKING / COMMUNICATION

Mediatek MT7925 Wi-Fi 7
Bluetooth® 5.4 AIM-T WW
WLAN ¹

Wireless LAN Standards

IEEE 802.11a
IEEE 802.11b
IEEE 802.11g
IEEE 802.11n
IEEE 802.11ac
IEEE 802.11ax
IEEE 802.11be
IEEE 802.11d
IEEE 802.11e
IEEE 802.11h
IEEE 802.11i
IEEE 802.11k
IEEE 802.11r
IEEE 802.11v

Interoperability Frequency Band

Wi-Fi certified

- 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)

Modulation

OFDM, BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM

Security ²

- 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



Network Architecture Models	<ul style="list-style-type: none"> • WPA3 certification • IEEE 802.11i • WAPI
Roaming	Ad-hoc (Peer to Peer)
Output Power ³	Infrastructure (Access Point Required) IEEE 802.11 compliant roaming between access points <ul style="list-style-type: none"> • 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) : +11.5dBm • 802.11be MCS13(EHT40)(6GHz) : +7.5dBm • 802.11be MCS13(EHT80)(6GHz) : +7.5dBm • 802.11be MCS13(EHT160)(6GHz) : +6.5dBm
Power Consumption	<ul style="list-style-type: none"> • Transmit mode 2.7 W • Receive mode 1.8 W • Idle mode (PSP) 180 mW (WLAN Associated) • Idle mode 50 mW (WLAN unassociated) • Connected Standby 10mW • Radio disabled 8 mW
Power Management	ACPI and PCI Express® compliant power management
Receiver Sensitivity ⁴	802.11 compliant power saving mode 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



	<p>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</p>
Antenna type	<p>High efficiency antenna with spatial diversity, mounted in the display enclosure Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications</p>
Form Factor	PCI-Express M.2 MiniCard
Dimensions	Type 1418: 1.67 x 14.0 x 18.0 mm
Weight	Type 1418: 1.3g
Operating Voltage	3.3v +/- 9%
LED Activity	LED Amber – Radio OFF; LED OFF – Radio ON
HP Integrated Module with Bluetooth 4.0/4.1/4.2/5.0/5.1/5.2/5.3/5.4 Wireless Technology	
Bluetooth Specification	4.0/4.1/4.2/5.0/5.1/5.2/5.3/5.4 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	<p>Legacy : 3 Mbps data rate; throughput up to 2.17 Mbps Bluetooth® Low Energy : 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)</p>
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	<p>Peak (Tx): 330 mW Peak (Rx): 230 mW Selective Suspend: 17 mW</p>
Bluetooth Software Supported	Microsoft Windows Bluetooth® Software
Link Topology	Linux/Chrome OS Bluetooth® Software
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
Power Management	ETS 300 328, ETS 300 826
Certifications	Low Voltage Directive IEC950 UL, CSA, and CE Mark
Bluetooth Profiles Supported	Advanced Audio Distribution Profile (A2DP) Basic Imaging Profile (BIP)2 Bluetooth® 4.1 - ESR 5/6/7 Compliance Bluetooth® 4.2 - ESR 8 Compliance Bluetooth® 5.2 Bluetooth® 5.3 Channel Selection Algo Compliance to the latest Errata Section 12.3 of BT 5.3 specificationx ESR 9/10 Compliance FAX Profile (FAX) Hands Free Profile (HFP) Headset Profile (HSP) Host to Controller Encryption Key Control Enhancements LE 2Mbps LE Advertisement Extensions LE Data Packet Length Extension LE Dual Mode LE L2CAP Connection Oriented Channels LE Link Layer LE Link Layer Ping LE Long Range LE Low Duty Cycle Directed Advertising LE Privacy 1.2 –Extended Scanner Filter Policies LE Privacy 1.2 –Link Layer Privacy LE Secure Connection- Basic/Full Limited High Duty Cycle Non-Connectable Advertising Train Nudging & Interlaced Scan

1. 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 Intel® 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. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
2. Check latest software/driver release for updates on supported security features.
3. The FCC has declared as of September 1, 2014 products that utilize passive scanning on channel 12/13 and are capable of transmitting must fully comply with requirements of 15.247 or otherwise disable those channels.
4. 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)



NFC Mirage WNC XRAV-1	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	NPC300
	System interface	I2C
	NFC RF standards	ISO/IEC 14443 A ISO/IEC 14443 B ISO/IEC 15693 ISO/IEC 18092 ECMA-340 NFCIP-1 Target and Initiator ECMA-320 NFCIP-2
	NFC Forum Support	Type 1, Type 2, Type 3 / Type 4, NFCIP-1 / NFCIP-2
	Reader (PCD-VCD) Mode	ISO/IEC 14443 A ISO/IEC 14443 B ISO/IEC 15693 MIFARE 1K MIFARE 4K MIFARE DESFire FeliCa Jewel and Topaz
	Card Emulation (PICC-VICC) Mode	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	Operating: 0 °C to 70 °C (32 ° to 158 °F) Storage: -20 °C to 125 °C (-4 ° to 257 °F)
	Storage temperature	Operating: 10% - 90% Non-Operating: 5% - 95%
	Humidity	Operating: 10% - 90% Non-Operating: 5% - 95%
	Supply Operating voltage	4.35 to 5.25 Volts
	I/O Voltage	1.8V or 3.3V
	Power Consumption	
	(Booster enable, VBAT= 3.3V, VCC_BOOST = 5V)	
	Mode	Power Consumption, Typical
	Polling	7.3 mA
	Detected Test Tag Type 1	Total 283.8 mA Net Module 236.8 mA
	Detected Test Tag Type 2	Total 288.8 mA Net Module 241.8 mA
	Detected Test Tag Type 3	Total 287.7 mA Net Module 240.7 mA



Detected Test Tag Type 4

Total 282.3 mA

Antenna

Net Module 235.3 mA

Antenna connector, 0.5mm pitch, 7 connector FPC. Antenna matching is external to module.



POWER		
HP 100W Slim USB Type-C® AC power adapter	Weight (DC Cable Included)	380 g ± 10 g
	Input	100 - 240 VAC
	Input Efficiency	81.50% min at 115 Vac / 230 Vac @5.00V 86.70% min at 115 Vac / 230 Vac @9.00V 88.00% min at 115 Vac / 230 Vac @12.00V 89.00% min at 115 Vac / 230 Vac @15.00V 89.00% min at 115 Vac / 230 Vac @20.00V
	Input frequency range	47 ~ 63Hz
	Input AC current	Max. 1.6 A at 90 VAC
	Output power	5V/15W 9V/27W 12V/60W 15V/75W 20V/100W
	DC output	5V/9V/12V/15V/20V
	Hold-up time	100% load 5ms at 115 Vac input / 80% load 10ms at 115 Vac input
	Output Over Current Protection	5V/9V/12V/15V<125% max current, 20V<135% max current
	AC Inlet Type	C6
	DC Cable Connector	USB type C
	Connector	C6
	Operating temperature	0° to 35° C (32° to 95° F)
	Non-operating (storage) temperature	-20° to 85° C (-4° to 185° F)
	Altitude	0 to 5,000 m (0 to 16,400 ft)
	Humidity	20% to 95%
	Storage Humidity	10% to 95%
	EMI and Safety Certifications	CE Mark - full compliance with LVD and EMC directives Worldwide safety standards - IEC60950-1, IEC 62368-1:2014 and IEC62368-1 : 2018, EN62368-1:2020+A11, UL 62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC, CU(EAC), KCC(Safety+EMC), NOM-001 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia RCM, BIS, BSMI, UAE, UKCA DoC, Ukraine(CoC+DoC+RoHS+ECO)
HP 140W Slim USB Type-C® AC power adapter	Weight	415 g ± 10 g
	Input	100 - 240 VAC
	Input Efficiency	81.50% min at 115 Vac/ 230 Vac @5.00V 86.70% min at 115 Vac/ 230 Vac @9.00V 88.00% min at 115 Vac/ 230 Vac @12.00V 89.00% min at 115 Vac/ 230 Vac @15.00V 89.00% min at 115 Vac/ 230 Vac @20.00V 89.00% min at 115 Vac/ 230 Vac @28.00V



Input frequency range	47 ~ 63 Hz
Input AC current	Max. 2.5 A at 90 Vac
Output power	5V/15W 9V/27W 12V/60W 15V/75W 20V/100W 28V/140W
DC output	5V/9V/12V/15V/20V/28V
Hold-up time	100% load 5ms at 115 Vac input/80% load 10ms at 115 Vac input
Output current limit	5V/9V/12V/15V/20V<125% max current, 28V<135% max current
AC Inlet Type	C6
DC Cable Connector	USB type C
Connector	C6
Operating temperature	0° to 35° C (32° to 95° F)
Non-operating (storage) temperature	-20° to 85° C (-4° to 185° F)
Altitude	0 to 5,000 m(0 to 16,400 ft)
Humidity	20% to 95%
Storage Humidity	10% to 95%
EMI and Safety Certifications	CE Mark - full compliance with LVD and EMC directives Worldwide safety standards - IEC60950-1, IEC 62368-1:2014 and IEC62368-1 : 2018, EN62368-1:2020+A11, UL 62368-1 Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC, CU(EAC), KCC(Safety+EMC), NOM-001 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia RCM, BIS, BSMI, UAE, UKCA DoC, Ukraine(CoC+DoC+RoHS+ECO)

HP XL-Long Life 4 cell, 74.5Whr Polymer ¹

Weight	275 ± 10 g
Cells/Type	4 cell Li-ion Polymer cell / 686557
Energy ¹	
Voltage	15.52V
Amp-hour capacity	4.8 Ah
Watt-hour capacity	74.5 Wh
Temperature	
Operating (Charging)	0° to 50° C
Operating (Discharging)	-10° to 65° C
Optional Travel Battery Available	No

1. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.



AUDIO

Codec	Realtek ALC3315
Audio I/O Ports	combo microphone/headphone jack
Internal Speaker Amplifier	Cirrus smart amp
Multi-streaming Capable	Playback multi-streaming can be enabled in the audio control panel to allow independent audio streams to be sent to/from the front jacks or integrated speaker Following MSFT Behavior
Sampling	DAC: Supports resolutions from 16-bit to 24-bit; 44.1 kHz to 192.0 kHz ADC: Supports resolutions from 16-bit to 24-bit; 44.1 kHz to 192.0 kHz
Wavetable Syntheses	Yes - Uses OS soft wavetable
# of Channels on Line-Out	Stereo (Left & Right channels)
Internal Speaker	Yes



FINGERPRINT READER

Sensor vendor	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	5°C ~ 60°C (41°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

Category	Description	Part Number
Adapter	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
Adapters - Poly	HP MDA500 USB-C to USB-A Cable	85R48AA
	HP MDA500 USB-C to USB-C Cable	85R50AA
	HP PLY MDA220 USB-A	8A7E0AA
	HP Poly MDA500 to Digital Headset Cable	85R46AA
	HP Poly MDA524 QD USB-A Processor	8L544AA
	HP Poly MDA526 QD USB-A Processor	8L547AA
	HP Poly Savi Office PC Connection Cable - USB-A	85R54AA
	HP Poly Savi Office S2 Telephone Cable	85R55AA
	HP Poly Savi Office Telephone Cable	85R57AA
	HP Poly Savi UC D400 DECT Adapter	85T34AA
	HP Poly Savi UC D400 DECT1920-1930 MHz Dongle	85T33AA
	HP Poly Voyager Free 60 UC Audio Cable	8L5A5AA
	HP POLY Voyager Surround 80/85 UC USB-C to USB-C Charging Cable	9C6M3AA
	HP Voyager Free 60 USB-C Charging Cable	8L5A4AA
	HP Voyager Free 60 USB-C to USB-A Charging Cable	8L5A3AA
	POLY Blackwire 5200 Y Training Cable	85S08AA
	Poly Busy Light (Straight Plug)	85R52AA
	POLY MDA100 RJ9 Cable	85R42AA
	Poly MDA524 QD Audio Processor USB-C	85Q24AA
	Poly MDA526 QD Audio Processor USB-C	85Q27AA
	Poly Savi APA-24 - Electronic hook switch adapter for desk phone - for Poly APA-24	9T5V5AA
	Poly Savi D400 UC DECT 1880-1890 MHz Dongle	8J8V9AA
	Poly Savi D400 UC DECT 1880-1900 MHz Dongle	8J8V7AA
	Poly Savi D400 UC DECT 1893-1906 MHz Dongle	8J8V6AA
	Poly Savi D400 UC DECT 1910-1920 MHz Dongle	8J8V8AA
	Poly Savi D400 UC Microsoft Teams Certified DECT 1880-1900 MHz Dongle	8J8W1AA
	Poly Savi D400 UC Microsoft Teams Certified DECT 1893-1906 MHz Dongle	8J8W0AA
	Poly Savi D400 UC Microsoft Teams Certified DECT 1910-1920 MHz Dongle	8J8W2AA
	Poly Spare USB Charger for Savi 8240 Series Headsets	85R43AA
	Poly TR-11 EHS Analog Adapter Cable	85R84AA
	Poly Voyager Surround 80/85 UC 3.5mm Audio Adapter Cable	9C6M4AA
	Poly Y-Splitter Training Cable	85S07AA



Audio - Headset		
	Poly Voyager 4320 USB-C Headset	76U50AA
	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 Microsoft Teams Certified USB-C Headset +USB-C/A Adapter Batch 2	8X216AA
	Poly Blackwire 3310 Monaural USB-C Headset +USB-C/A Adapter Batch 2	8X215AA
	Poly Blackwire 3315 Monaural Microsoft Teams Certified USB-C Headset +3.5mmPlug+USB-C/AAdapterBatch2	8X218AA
	Poly Blackwire 3315 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter Batch 2	8X217AA
	Poly Blackwire 3320 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter Batch 2	8X220AA
	Poly Blackwire 3320 Stereo USB-C Headset +USB-C/A Adapter Batch 2	8X219AA
	Poly Blackwire 5220 Stereo USB-C Headset	8X231AA
	Poly Blackwire 8225 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter Batch 2	8X225AA
	Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter Batch 2	8X223AA
	Poly EncorePro 510 Monaural Headset	783Q2AA
	Poly EncorePro 520 Binaural Headset	783P7AA
	Poly EncorePro 530 Headset	783P3AA
	Poly EncorePro 540 Convertible Headset	783P1AA
	Poly EncorePro 710 with Quick Disconnect Monoaural Headset (for EMEA) Batch 1	783N9AA
	Poly EncorePro 710 with Quick Disconnect Monoaural Headset Batch 1	783M8AA
	Poly EncorePro 720 Binaural Headset +Quick Disconnect	8R707AA
	Poly EncorePro 720 with Quick Disconnect Binaural Headset Batch 1	783M7AA
	Poly EncorePro 515 Microsoft Teams Certified Monoaural with USB-A Headset Batch 1	783R1AA
	Poly EncorePro 515 Monoaural with USB-A Headset Batch 1	783R0AA
	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
	Poly Savi 7310 DECT 1910-1920 MHz Single Ear Headset	8D3G5AA
	Poly Savi 7310 Headset	77T40AA
	Poly Savi 7310 UC Monaural DECT 1880-1900 MHz Headset	8L561AA
	Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset	8L575AA
	Poly Savi 7310 Monaural DECT 1880-1900 MHz Top	8Y9B6AA
	Poly Savi 7310 Monaural Microsoft Teams Certified DECT 1880-1900 MHz Top	8Y9B8AA
	Poly Savi 7320 Stereo Microsoft Teams Certified DECT 1880-1900 MHz Top	8Y9B9AA
	Poly Savi 7310 UC Monaural DECT 1893-1906 MHz Headset	8L565AA
	Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1893-1906 MHz Headset	8L578AA
	Poly Savi 7310 Monaural DECT 1893-1906 MHz Top	9X3J2AA
	Poly Savi 7310 Monaural Microsoft Teams Certified DECT 1893-1906 MHz Top	9V8Z7AA
	Poly Savi 7310 Monaural DECT 1910-1920 MHz Headset	8L566AA
	Poly Savi 7310 Office Monaural DECT 1920-1930 MHz Headset Batch 2	7S430AA
	Poly Savi 7310 UC Monaural DECT 1920-1930 MHz Headset	8L570AA

Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L585AA
Poly Savi 7310 Monaural DECT 1920-1930 MHz Top	783N0AA
Poly Savi 7310 Monaural Microsoft Teams Certified DECT 1920-1930 MHz Top	783N2AA
Poly Savi 7310-M DECT 1880-1900 MHz Single Ear Headset	8D3K7AA
Poly Savi 7310-M DECT 1893-1906 MHz Single Ear Headset	8D3K9AA
Poly Savi 7310-M DECT 1910-1920 MHz Single Ear Headset	8D3L0AA
Poly Savi 7310-M DECT 1920-1930 MHz Single Ear Headset	7S439AA
Poly Savi 7320 DECT Headset	77T39AA
Poly Savi 7320 Stereo DECT 1880-1900 MHz Headset	8L553AA
Poly Savi 7320 Office Stereo DECT 1880-1900 MHz Headset	8D3F7AA
Poly Savi 7320 UC Stereo DECT 1880-1900 MHz Headset	8L545AA
Poly Savi 7320 Stereo DECT 1880-1900 MHz Top	8Y9B7AA
Poly Savi 7320 Office Stereo DECT 1893-1906 MHz Headset	8D3F8AA
Poly Savi 7320 UC Stereo DECT 1893-1906 MHz Headset	8L546AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1893-1906 MHz Headset	8L555AA
Poly Savi 7320 Stereo DECT 1893-1906 MHz Top	9V8Z6AA
Poly Savi 7320 Stereo Microsoft Teams Certified DECT 1893-1906 MHz Top	9V8Z8AA
Poly Savi 7320 Office Stereo DECT 1910-1920 MHz Headset	8D3G0AA
Poly Savi 7320 UC Stereo DECT 1910-1920 MHz Headset	8L548AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1910-1920 MHz Headset	8L557AA
Poly Savi 7320 Office Stereo DECT 1920-1930 MHz Headset Batch 2	7S429AA
Poly Savi 7320 UC Stereo DECT 1920-1930 MHz Headset	8L549AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L559AA
Poly Savi 7320 Stereo DECT 1920-1930 MHz Top	783N1AA
Poly Savi 7320 Stereo Microsoft Teams Certified DECT 1920-1930 MHz Top	783N3AA
Poly Savi 7320-M Stereo DECT 1880-1900 MHz Headset	8D3J6AA
Poly Savi 7320-M Stereo DECT 1893-1906 MHz Headset	8D3K2AA
Poly Savi 7320-M Stereo DECT 1910-1920 MHz Headset	8D3K0AA
Poly Savi 7320-M Stereo DECT 1920-1930 MHz Headset	7S435AA
Poly Savi 7410 Office Monaural DECT 1880-1900 MHz Headset	8L589AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset	8L593AA
Poly Savi 7410 Office Monaural DECT 1893-1906 MHz Headset	8L591AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1893-1906 MHz Headset	8L594AA
Poly Savi 7410 Office Monaural DECT 1910-1920 MHz Headset	8L592AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1910-1920 MHz Headset	8L597AA
Poly Savi 7410 Office Monaural DECT 1920-1930 MHz Headset	8L7D5AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L7D7AA
Poly Savi 7420 Office Stereo DECT 1880-1900 MHz Headset	8L560AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1880-1900 MHz Headset	8L574AA
Poly Savi 7420 Office Stereo DECT 1893-1906 MHz Headset	8L563AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1893-1906 MHz Headset	8L576AA
Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1910-1920 MHz Headset	8L581AA
Poly Savi 7420 Office Stereo DECT 1910-1920 MHz Headset	8L564AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1910-1920 MHz Headset	8L579AA



Poly Savi 7420 Office Stereo DECT 1920-1930 MHz Headset	8L567AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L583AA
Poly Savi 8410 Office Monaural DECT 1880-1900 MHz Headset	8L5A7AA
Poly Savi 8410 Office Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset	8L5A9AA
Poly Savi 8410 Office Monaural DECT 1920-1930 MHz Headset	8L7E6AA
Poly Savi 8410 Office Monaural Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L7E9AA
Poly Savi 8420 Office Stereo DECT 1880-1900 MHz Headset	8L5B2AA
Poly Savi 8420 Office Stereo Microsoft Teams Certified DECT 1880-1900 MHz Headset	8L5B3AA
Poly Savi 8420 Office Stereo DECT 1920-1930 MHz Headset	8L7F2AA
Poly Savi 8420 Office Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset	8L7F5AA
Poly Savi 8445 DECT 1880-1890 MHz Convertible Headset	8L5B7AA
Poly Savi 8445 Office DECT 1880-1900 MHz Convertible Headset	8L5B4AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1880-1900 MHz Convertible Headset	8L5B6AA
Poly Savi 8445 Office DECT 1910-1920 MHz Convertible Headset	8L5B5AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1910-1920 MHz Convertible Headset	8L5B8AA
Poly Savi 8445 Office DECT 1920-1930 MHz Convertible Headset	8L7F8AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1920-1930 MHz Convertible Headset	8L7F1AA
Poly Savi DECT 7320 Stereo Headset	77T37AA
Poly Savi DECT Monoaural 7310 Headset	77T38AA
Poly Voyager 4310 Headset	77Y93AA
Poly Voyager 4310 Monaural Headset	77Y92AA
Poly Voyager 4310 Microsoft Teams Certified USB-A Headset +BT700 dongle Batch 1	77Y91AA
Poly Voyager 4310 USB-A Headset +BT700 dongle Batch 1	76U48AA
Poly Voyager 4310 Microsoft Teams Certified USB-C Headset +BT700 dongle Batch 1	77Y95AA
Poly Voyager 4310 USB-C Headset +BT700 dongle +Charging Stand Batch 1	77Y96AA
Poly Voyager 4310 USB-C Headset +BT700 dongle Batch 1	77Y94AA
Poly Voyager 4310-M Headset	7Y210AA
Poly Voyager 4310-M USB-C Headset	77Y97AA
Poly Voyager 4320 Headset	77Z00AA
Poly Voyager 4320 Stereo USB-A Headset	77Y99AA
Poly Voyager 4320 Microsoft Teams Certified USB-A Headset +BT700 dongle Batch 1	77Y98AA
Poly Voyager 4320 USB-A Headset +BT700 dongle Batch 1	76U49AA
Poly Voyager 4320 Microsoft Teams Certified USB-C Headset +BT700 dongle Batch 1	77Z30AA
Poly Voyager 4320 USB-C Headset +BT700 dongle +Charging Stand Batch 1	77Z31AA
Poly Voyager 4320-M	7Y211AA
Poly Voyager 4320-M Headset	77Z32AA
Poly Voyager Focus 2 Headset	7S4L6AA
Poly Voyager Focus 2 Microsoft Teams Certified USB-C-C Headset +USB-C/A Adapter +Charging Stand (Tactical 6316)	9T9J6AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter (Tactical 6316)	9T9J3AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter +Charging Stand (Tactical 6316)	9T9J5AA
Poly Voyager Surround 80 USB-C Black Headset	9D452AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter Batch 2	8G7U0AA



	Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter Demo	9C6W5AA
	Poly Voyager Surround 80 UC USB-C Headset +USB-C/A Adapter Batch 2	8G7T9AA
	Poly Voyager Surround 85 UC Microsoft Teams CertifiedUSB-CHeadset+USB-C/AAdapter+ChargingStandBatch2	8G7T8AA
	Poly Voyager Surround 85 UC USB-C Headset +USB-C/A Adapter +Charging Stand Batch 2	8G7T7AA
Audio - Earbuds	Poly Voyager Free 60 Black Earbuds	7Y8M0AA
	Poly Voyager Free 60 Carbon Black Earbuds +Basic Charge Case	7Y8M2AA
	Poly Voyager Free 60 UC Carbon Black Earbuds +BT700 USB-A Adapter +Basic Charge Case	7Y8H3AA
	Poly Voyager Free 60 UC Carbon Black Earbuds +BT700 USB-C Adapter +Basic Charge Case	7Y8H4AA
	Poly Voyager Free 60 UC M Carbon Black Earbuds +BT700 USB-A Adapter +Basic Charge Case	7Y8L7AA
	Poly Voyager Free 60 UC M Carbon Black Earbuds +BT700 USB-C Adapter +Basic Charge Case	7Y8L8AA
	Poly Voyager Free 60 UC M White Sand Earbuds +BT700 USB-A Adapter +Basic Charge Case	7Y8L5AA
	Poly Voyager Free 60 UC M White Sand Earbuds +BT700 USB-C Adapter +Basic Charge Case	7Y8L6AA
	Poly Voyager Free 60 UC White Sand Earbuds +BT700 USB-A Adapter +Basic Charge Case	7Y8L3AA
	Poly Voyager Free 60 UC White Sand Earbuds +BT700 USB-C Adapter +Basic Charge Case	7Y8L4AA
	Poly Voyager Free 60/60+ Black Earbuds (2 Pieces)	8L5A6AA
	Poly Voyager Free 60/60+ Microsoft Teams Certified Black Earbuds (2 Pieces)	8L5A8AA
	Poly Voyager Free 60/60+ Microsoft Teams Certified White Earbuds (2 Pieces)	8L5B0AA
	Poly Voyager Free 60/60+ White Earbuds (2 Pieces)	8L5B1AA
	Poly Voyager Free 60+ UC Carbon Black Earbuds +BT700 USB-A Adapter +Touchscreen Charge Case	7Y8G3AA
	Poly Voyager Free 60+ UC Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8G4AA
	Poly Voyager Free 60+ UC M Carbon Black Earbuds +BT700 USB-A Adapter +Touchscreen Charge Case	7Y8G9AA
	Poly Voyager Free 60+ UC M Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8H0AA
	Poly Voyager Free 60+ UC M White Sand Earbuds +BT700 USB-A Adapter +Touchscreen Charge Case	7Y8G7AA
	Poly Voyager Free 60+ UC M White Sand Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8G8AA
	Poly Voyager Free 60+ UC White Sand Earbuds +BT700 USB-A Adapter +Touchscreen Charge Case	7Y8G5AA
	Poly Voyager Free 60+ UC White Sand Earbuds +BT700 USB-C Adapter +Touchscreen Charge Case	7Y8G6AA
	Poly Voyager Free 20 Black Earbuds +Basic Charge Case Customer Special 1	946C4AA
	Poly Voyager Free 20 Black Earbuds +Basic Charge Case CAN/ENG	946C3AA
	Poly Voyager Free 20 Black Earbuds +Basic Charge Case WW	946C3AA
	Poly Voyager Free 20 Gray Earbuds +Basic Charge Case Customer Special 1	945Y5AA
	Poly Voyager Free 20 Gray Earbuds +Basic Charge Case CAN/ENG	946C5AA
	Poly Voyager Free 20 Gray Earbuds +Basic Charge Case WW	946C5AA



Audio - Speaker Phone

Poly Sync 10 Microsoft Teams Certified USB-A Speakerphone	77P34AA
Poly Sync 10 Speakerphone +USB-A to USB-C Cable Batch 2	7S4M6AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 20+M Speakerphone	7Y215AA
Poly Sync 20-M Speakerphone	7S4M1AA
Poly Sync 20-M Microsoft Teams Certified USB-C Speakerphone Batch 1	7F0J8AA
Poly Sync 20-M Microsoft Teams Certified USB-C Speakerphone Customer Special 1	8G0X6AA
Poly Sync 40 Speakerphone	77P35AA
Poly Sync 40+ Speakerphone	8G0X3AA
Poly Sync 40+ Microsoft Teams Certified USB-A USB-C Speakerphone +BT700 USB-A Adapter	77P36AA
Poly Sync 40+ USB-A USB-C Speakerphone +BT700 USB-A Adapter	772C5AA
Poly Sync 60 Microsoft Teams Certified Speakerphone Batch 1	77P41AA
Poly Sync 60 Speakerphone	772C2AA
Poly Sync 20 Microsoft Teams Certified USB-A Speakerphone	772C8AA
Poly Sync 20 USB-A Speakerphone	772D2AA
Poly Sync 20+ Microsoft Teams Certified USB-A Speakerphone Batch 1	772C9AA
Poly Sync 20+ USB-A Speakerphone Batch 1	772C6AA
Poly Sync USB-A USB-C 10 Speakerphone	772C3AA
Poly Sync USB-A USB-C 40 Speakerphone	772C4AA
Poly Sync 20+ Microsoft Teams Certified USB-C Speakerphone Batch 1	772D1AA
Poly Sync 20+ USB-C Speakerphone Batch 1	772D0AA

Cases

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 Campus blue Backpack	7K0E5AA
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 Renew Business 17.3 Laptop Backpack	3E2U5AA
HP Renew Business 17.3 Laptop Bag	3E2U6AA
HP Renew Executive 16 Laptop Backpack	6B8Y1AA
HP Renew Executive 16 Laptop Bag	6B8Y2AA

Commodity

HP USB DVD-Writer External ODD	F2B56AA
HP Combination Nano Cable Lock	63B28AA
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



QuickSpecs

HP EliteBook X G1a 14 inch Notebook Next Gen AI PC

Docking	HP Thunderbolt™ 120W G4 Dock	4JOA2AA
	HP Thunderbolt™ 280W G4 Dock w/Combo Cable	4JOG4AA
	HP USB-C™ 120W G5 Dock	5TW10AA
Hub	HP USB-C to USB-A Hub	Z6A00AA
Keyboard	HP 125 Wired Keyboard	266C9AA
	HP 320K USB Wired Keyboard	9SR37AA
	HP 685 Comfort Dual-Mode Keyboard	8T6L9AA
	HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA
	HP 965 black Ergonomic Wireless Keyboard	7E756AA
	HP 975 Dual-Mode USB+Bluetooth Wireless Keyboard	3Z726AA
Mouse	HP 105 Mouse Pad	8X595AA
	HP 125 Wired Mouse	265A9AA
	HP 128 Laser Wired Mouse	265D9AA
	HP 205 Desk Mat	8X597AA
	HP 320M Wired Mouse	9VA80AA
	HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
	HP 685 Comfort Dual-Mode Mouse	8T6M0AA
	HP 695 Qi-Charging Wireless Mouse	8F1Y4AA
	HP 715 Rechargeable Multi-Device Bluetooth Mouse	6E6F0AA
	HP 925 Ergonomic Vertical Wireless Mouse	6H1A5AA
	HP Creator Black 935 Wireless Mouse	1D0K8AA
HP Multi-Device Black 635 Wireless Mouse	1D0K2AA	
Keyboard & Mouse Combo	HP 225 Wired Mouse and Keyboard Combo	286J4AA
	HP 225 Wired Mouse and Keyboard Combo	86J24AA
	HP 655 Wireless Keyboard and Mouse Combo	860P8AA
	HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
Power	HP 110W USB-C Laptop Charger	8B3Y2AA



CHANGELOG

Date of change	Version History		Description of change
	V1 to V2		

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