

HP Chromebook G1m 11 inch



Front

- | | | | |
|---|-------------------------|---|--------------|
| 1 | Internal Microphone (2) | 4 | Webcam LED |
| 2 | Webcam | 5 | Power button |
| 3 | HP Privacy Camera | 6 | Touchpad |





Sides

- | | | | |
|---|---|---|---|
| 1 | USB Type-A 5Gbps signaling rate (Charges with power on) | 5 | USB Type-A 5Gbps signaling rate (Charges with power on) |
| 2 | USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2) | | |
| 3 | Power LED | | |
| 4 | Headphone/mic combo jack | | |

PRODUCT NAME
HP Chromebook G1m 11 inch

OPERATING SYSTEMS
Chrome OS

PROCESSORS

Processor ^{1,2}	Cores	Threads	L3 Cache	Processor Base Frequency
MediaTek Kompanio 520	8 cores	8	1 MB	2.05 GHz

Processor Family
Mediatek Arm Cortex-A processor

1. 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. MediaTek’s numbering, branding and/or naming is not a measurement of higher performance.

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

GRAPHICS

Integrated

ARM® Mali™-G52 MP2 Graphics



DISPLAY

Non-Touch

29.46 cm (11.6") diagonal, HD (1366 x 768), LCD, SVA, Anti-glare, 250 nits, NTSC 45%

29.46 cm (11.6") diagonal, HD (1366 x 768), LCD, UWVA, Anti-glare, 250 nits, NTSC 50%

Touch

29.46 cm (11.6") diagonal, HD (1366 x 768), LCD, UWVA, Touch, Anti-glare, 250 nits, NTSC 50%

Display Size

29.46 cm (11.6")

Aspect Ratio

16:9

Max Hinge Open Angle

180°

Screen to Body Ratio

73.87%



Docking (Sold Separately)

Docking station model #1	HP USB-C G5 Dock
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 1x HDMI 2.0, 2x DisplayPort 1.4 Maximum resolution and display support is dependent on the maximum capability of the notebook.
Dock Connectors	
Technicallimitations	

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.

Docking station model #2	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 2x HDMI 2.0, 2x DisplayPort 1.4, 1x Thunderbolt 4, 1x USB-C 3.2 Gen 2 DisplayPort Maximum resolution and display support is dependent on the maximum capability of the notebook.
Dock Connectors	
Technicallimitations	

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 #3	HP USB-C/A Universal Dock G2
Total number of supported displays (incl.the notebook display)	3
Max.resolutions supported	Multi-Function Mode: (3) 4K DCI @ 30Hz on any port High-Resolution Mode: (3) 4K DCI @ 30Hz on any port 1x HDMI 2.0, 2x DisplayPort 1.2
Dock Connectors	
Technicallimitations	Maximum resolution and display support is dependent on the maximum capability of the notebook. The best resolution for dual or triple displays is 4K UHD@ 60Hz. For use with the USB-A adapter that comes in the box the maximum number of displays supported is (2) 4k x 60 Hz on the Type-A Gen 1 connection from the host.



STORAGE AND DRIVES

Primary Storage

64 GB eMMC 5.0³

32 GB eMMC 5.0³

3. 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

8 GB LPDDR4X - 4266/MTs ⁴

Memory

8 GB LPDDR4X - 4266/MTs ⁴

4 GB LPDDR4X - 4266/MTs ⁴

Memory Slots

No memory slots. Memory soldered down.

The memory is non-accessible / non-upgradeable.

4. 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

WLAN

Mediatek MT7921 SDIO Wi-Fi 6 +Bluetooth® 5.3 wireless card ⁵

Chromecast

Chromecast Support

5. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.



AUDIO/MULTIMEDIA

Audio

2 Integrated stereo speakers
Integrated dual array microphone

Speaker Power

2W/4ohm Per speaker

Camera

720p HD camera
HP Privacy Camera



KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS











Keyboard

Full-size island-style Chrome keyboard, spill resistant with HP Full-Skirted Anchored Key

Pointing Device

Clickpad with multi-touch gesture support
Taps enabled as default

Function Keys

-  Back
-  Reload
-  Full Screen
-  Display Apps
-  Screenshot
-  Brightness Down
-  Brightness Up
-  Mute
-  Volume Down
-  Volume Up



SOFTWARE AND SECURITY

Application Software

HP Support Assistant for Chrome

Manageability Features

Chrome Education Upgrade

Chrome Enterprise Upgrade

Security Management

Zero-touch enrollment

Smartcard Reader

IPv6 Support

No

FirstNet Certified

No



POWER

Power Supply

HP 45W Standard USB Type-C® AC power adapter

Battery

HP Long Life 2 cell, 37Whr Polymer ⁶

Power Cord

3-wired plug- 1.0m

Battery life

14hours 45minutes

Battery Weight

0.36 lb

165 g

6. Only available for selected regions and selected configurations.



WEIGHT & DIMENSIONS

Product Weight

Starting at 1.17 kg (2.58 lbs) ⁷

Product Dimensions (w x d x h)

292.7 mm (W) x 192.8 mm (D) x 11.72 mm (front)/ 14.93 mm (rear)

(11.52 in (W) x 7.59 in (D) x 0.46 in (front)/0.59 in (rear))

Maximum height 17.95 mm (0.71 in) ⁸

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](#).

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

8. 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.



PORTS/SLOTS

- 1 x USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2) ⁹
- 2 x USB Type-A 5Gbps signaling rate (Charges with power on)
- 1 x Headphone/mic combo jack

9. SuperSpeed USB 20Gbps is not available.



ENVIRONMENTAL DATA

Eco-Label Certifications & declarations	<p>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:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Product Carbon Footprint • At least 5% ocean bound plastic in the (Speaker)¹ • At least 4% post-consumer recycled plastic² • Low Halogen⁴ • 100% of HP paper-based packaging is from recycled or certified sustainable sources⁵ • Bulk packaging available 		
System Configuration	<p>The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a “Typically Configured Notebook”.</p>		
Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation (Sort idle)	3.03 W	3.29 W	3.02 W
Normal Operation (Long idle)	0.83 W	0.99 W	0.99 W
Sleep	0.23 W	0.26 W	0.22 W
Off	0.17 W	0.20 W	0.16 W
<p>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.</p>			
Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
Normal Operation (Short idle)	10 BTU/hr	11 BTU/hr	10 BTU/hr
Normal Operation (Long idle)	3 BTU/hr	3 BTU/hr	3 BTU/hr
Sleep	1 BTU/hr	1 BTU/hr	1 BTU/hr
Off	1 BTU/hr	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_{WAd}, bels)	Sound Pressure (L_{pAm}, decibels)	
Typically Configured – Idle	2.2	15.1	
Fixed Disk – Random writes	2.3	16.2	
Optical Drive – Sequential reads	N/A	N/A	
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	<ul style="list-style-type: none">• 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 96.9% recycle-able when properly disposed of at end of life.		
Packaging Materials	External:	PAPER/Corrugated	272 g
		PAPER/Paper	6 g
		PAPER/Molded Pulp	43 g
		PAPER/Paperboard	170 g
		PLASTIC/Other	9 g
	The plastic packaging material contains at least 100.0% recycled content.		
	The corrugated paper packaging materials contains at least 0.00% 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		

	<p>regulations continue to evolve.</p> <p>To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.</p>
Material Usage	<p>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):</p> <ul style="list-style-type: none"> • 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)

Packaging Usage	<p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> • 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	<p>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.</p> <p>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.</p>
HP, Inc. Corporate Environmental Information	<p>For more information about HP's commitment to the environment:</p> <ul style="list-style-type: none"> • Sustainable Impact Report <ul style="list-style-type: none"> ◦ https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06040843 • Eco-label certifications <ul style="list-style-type: none"> ◦ https://www.hp.com/us-en/sustainable-impact/document-reports.html#filters_documents_reports=-document_type-type_energy_star,type_epeat,type_tcoISO • ISO 14001 certificates <ul style="list-style-type: none"> ◦ https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c04777932
footnotes	<ol style="list-style-type: none"> 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. 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

HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. 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> ¹⁰

10. 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)	45W
Nominal Operating Voltage	15V (3A)
Average Operating Power	<45W
Integrated graphics	Yes
Discrete Graphics	
Max Operating Power	<45W
Temperature	
Operating	41° to 95° F (5° to 35° C)
Non-operating	-4° to 140° F (-20° to 60° C)
Relative Humidity	
Operating	10% to 90%, non-condensing
Non-operating	5% to 95%
Shock	
Operating	40 G, 2 ms duration, half-sine
Non-operating	240 G, 2 ms duration, half-sine
Random Vibration	
Operating	1.043 grms
Non-operating	3.5 grms
Altitude (unpressurized)	
Operating	-15 m to 3048 m (-50 ft to 10000 ft)
Non-operating	-15 m to 12192 m (-50 ft to 40000 ft)
Planned Industry Standard Certifications	
Regulatory Model Number	TPN-P105
CSA/UL 62368-1	No CSA, UL 62368-1 only.
ENERGY STAR®	Yes ¹¹
EPEAT®	EPEAT® Gold
FCC/ICES/CISPR/VCCI	Yes, no VCCI (no support Japan)
CE MARKING	Yes
GS Mark	No
China CCC/SRRC	No
Taiwan BSMI/NCC	Yes
Korea KCC/KC/KES	Yes
Ukraine NSoC/TEC	No
EAEU Compliance	No
Saudi Arabian Compliance	Yes
TCO	Yes
WW RoHS	Yes
Low Blue Light	N/A

11. Configurations of the HP Chromebook G1m 11 inch that are ENERGY STAR® qualified are identified as HP Chromebook G1m 11 inch ENERGY STAR on HP websites and on <http://www.energystar.gov>.



DISPLAYS

1. Actual brightness will be lower with touchscreen or HP Sure View.
NOTE: All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

11.6 in HD (1366x768) Anti-Glare SVA NTSC 250 eDP 45 flat LCD Panel	Active Area	256.125 x 144.000 mm (typ.)
	Dimensions (W x H)	268.500 x 168.500 x 3.000 (max)
	Weight	210 g (max)
	Diagonal Size	11.6
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	400:1 (typical)
	Refresh Rate	60
	Brightness	250 nits ¹
	Pixel Resolution - Format	1366 x 768(HD)
	Backlight	WLED
	Pixel Resolution	RGB
	Color Gamut Coverage	NTSC 45%
	Color Depth	6
	Viewing Angle	SVA
	Low Blue Light	No
	Power Consumption (W, EBL@ 150nits max/ 200nits max))	2.08 (max)/ 2.3 (max)

11.6 in HD (1366x768) Anti-Glare UWVA NTSC 250 eDP 50 flat LCD Panel	Active Area	256.125 x 144.000 mm (typ.)
	Dimensions (W x H)	278.500 x 168.500 x 3.000 (max)
	Weight	200 g (max)
	Diagonal Size	11.6
	Surface Treatment	Anti-Glare
	Touch Enabled	No
	Contrast Ratio	600:1 (typical)
	Refresh Rate	60
	Brightness	250 nits ¹
	Pixel Resolution - Format	1366 x 768
	Backlight	WLED
	Pixel Resolution	RGB
	Color Gamut Coverage	NTSC 50%
	Color Depth	6
	Viewing Angle	UWVA
	Low Blue Light	No
	Power Consumption (W, EBL@ 150nits max/ 200nits max))	1.94 (max)/ 1.95 (max)

11.6 in HD (1366x768) Anti-Glare UWVA NTSC 250 TOP eDP 1.2 w/o PSR 50 flat LCD Panel	Active Area	256.125 x 144.000 mm (typ.)
	Dimensions (W x H)	278.500 x 168.500 x 3.000 (max)
	Weight	200 g (max)
	Diagonal Size	11.6 (inch)
	Surface Treatment	Anti-Glare
	Touch Enabled	Yes
	Contrast Ratio	800:1 (typical)
	Refresh Rate	60
	Brightness	250 nits ¹
	Pixel Resolution - Format	1366 x 768 (HD)
	Backlight	WLED
	Pixel Resolution	RGB
	Color Gamut Coverage	NTSC 50%
	Color Depth	6 (Hi FRC w/ condition to enable)
	Viewing Angle	UWVA
	Low Blue Light	No
	Power Consumption (W, EBL@ 150nits max/ 200nits max))	2.06 (max)/ 1.7 (max)



STORAGE

For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 18.0GB is not user accessible.

eMMC 5.0	Form Factor	153 FBGA
	Capacity	32GB/64GB
	NAND Type	TLC
	Height	1.4mm
	Width	11.5 x 13mm
	Weight	0.2g
	Interface	eMMC 5.x
	Maximum Sequential Read	Up to 300 MB/s
	Maximum Sequential Write	Up to 200 MB/s
	Logical Blocks	32GB (31,268,536,320 Bytes)/64GB (62,537,072,640 Bytes)
	Operating Temperature	32° to 158°F (0° to 70°C) [ambient temp]



NETWORKING / COMMUNICATION

Mediatek MT7921 Wi-Fi 6 + BT5.3 Wireless Card (802.11ax 2x2, supporting gigabit data rate) ¹	Wireless LAN Standards	IEEE 802.11 a/b/g/n/ac/ax compliant IEEE 802.11 d/e/h/i/j/k/mc/r/v/w support IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac IEEE 802.11ax IEEE 802.11d IEEE 802.11e IEEE 802.11h IEEE 802.11i IEEE 802.11k IEEE 802.11r IEEE 802.11v
	Interoperability	Wi-Fi certified modules
	Frequency Band	<ul style="list-style-type: none">• 802.11b/g/n/ax 2.412 – 2.484 GHz• 802.11a/n/ac/ax 4.905 – 5.915 GHz
	Data Rates	<ul style="list-style-type: none">• 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(40MHz): max 300Mbps• 802.11ac(80MHz) : max 866.7Mbps• 802.11ax(80MHz) : max 1201Mbps
	Modulation	DSSS, OFDM, DBPSK, DQPSK, CCK, 16 QAM, 64 QAM, 256 QAM , 1024 QAM
	Security ²	<ul style="list-style-type: none">• IEEE and WiFi certified 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 Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
	Roaming	IEEE 802.11 compliant roaming between access points
	Output Power ³	<ul style="list-style-type: none">• 802.11b : +17dBm minimum• 802.11g : +13.5dBm minimum• 802.11a : +13.5dBm minimum

	<ul style="list-style-type: none">• 802.11n HT20(2.4GHz) : +13.5dBm minimum• 802.11n HT40(2.4GHz) : +12.5dBm minimum• 802.11n HT20(5GHz) : +13.5dBm minimum• 802.11n HT40(5GHz) : +12.5dBm minimum• 802.11ac VHT80(5GHz) : +11.5dBm minimum• 802.11ax HE40(2.4GHz) : +11.5dBm minimum• 802.11ax HE80(5GHz) : +10.5dBm minimum
Power Consumption	<ul style="list-style-type: none">• Transmit mode :2.5 W• Receive mode :2 W• Idle mode (PSP) 180 mW (WLAN Associated)• Idle mode :50 mW (WLAN unassociated)• Connected Standby/Modern Standby: 10mW• Radio disabled: 8 mW
Power Management	802.11 compliant power saving mode
Receiver Sensitivity ⁴	802.11b, 1Mbps : -92dBm maximum 802.11b, 11Mbps : -85dBm maximum 802.11a/g, 6Mbps : -88dBm maximum 802.11a/g, 54Mbps : -74dBm maximum 802.11n, MCS0(HT40) : -88dBm maximum 802.11n, MCS15(HT40) : -66dBm maximum 802.11ac, MCS0(VHT80) : -76dBm maximum 802.11ac, MCS9(VHT80) : -59dBm maximum 802.11ax, MCS11(HE40): -58.5dBm maximum 802.11ax, MCS11(HE80): -55dBm maximum
Antenna type	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
Form Factor	PCI-Express M.2 MiniCard
Dimensions	Type 2230 : 2.3 x 22.0 x 30.0 mm
Weight	Type 2230 : 2.8g
Operating Voltage	3.3v +/- 10%
Temperature	Operating: 14° to 158° F (–10° to 70° C) Non-operating: –40° to 176° F (–40° to 80° C)
Humidity	Operating: less than 85% (non-condensing) Non-operating: less than 65% (non-condensing)
Altitude	Operating: 0 to 10,000 ft (3,048 m) Non-operating: 0 to 50,000 ft (15,240 m)
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 Wireless Crad Technology

Bluetooth Specification	4.0/4.1/4.2/5.0/5.1/5.2/5.3 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 + 10 dBm for BR and +7 dBm for EDR.

1. Wi-Fi 6 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.
Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
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).



POWER		
AC Adapter 45 Watt nPFC Standard USB type C Straight 1.8m	Weight (DC Cable Included)	180g(+/-10g) (Not including power cord. Power cord varies by country.)
	Input	100-240Vac
	Input Efficiency	81.50% min at 115 Vac/ 230 Vac @5.00V 86.70% min at 115 Vac/ 230 Vac @9.00V 87.40% min at 115 Vac/ 230 Vac @12.00V 87.80% min at 115 Vac/ 230 Vac @15.00V
	Input frequency range	47-63Hz
	Input AC current	Max. 1.4 A at 90 Vac
	Output	
	Output power	5V/15W 9V/27W 12V/36W 15V/45W
	DC output	5V/9V/12V/15V
	Hold-up time	100% load 5ms at 115 Vac input
	Output current limit	< 5.0A
	Connector	C6
	Environmental Design	
	Operating temperature	32°F to 95°F (0° to 35°C)
	Non-operating (storage) temperature	-4°F to 185°F (-20° to 85°C)
	Altitude	0 to 16,400 ft (0 to 5000m)
	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 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 RCM, BIS, BSMI, UAE, UKCA DoC, USB-IF, Ukraine(CoC+DoC+RoHS+ECO)

Battery PO 2C 37 Whr XL PL	Weight	165g
	Cells/Type	2S1P / Polymer cell
	Energy	
	Voltage	7.6V
	Amp-hour capacity	4960mAh
	Watt-hour capacity	37.6Whr
	Temperature	
	Operating (Charging)	32° to 113° F (0° to 45° C) (Charge Initial Temperature) 32° to 113° F (0° to 45° C) (Continuous Charging)
	Operating (Discharging)	14° to 140° F (-10° to 60° C)
	Optional Travel Battery Available	No



AUDIO

HD Stereo Codec	Realtek ALC5682I-VS
Audio I/O Ports	Headset connector supports both CTIA and OMTP style headset
Internal Speaker Amplifier	Maxim MAX98360D x 2, up to 3W class-D mono amplifier
Multi-streaming Capable	Follow ChromeOS behavior (NOT SUPPORT in current version)
Sampling	Follow ChromeOS behavior
Wavetable Syntheses	Not sure in CHROME device.
Analog Audio	Stereo headphone out by 3.5mm audio jack only.
# of Channels on Line-Out	Line-out was not supported.
Internal Speaker	Yes



OPTIONS

Category	Description	Part Number
Audio	Poly DA75 USB to QD Black Adapter TAA	786C6AA
	Poly DA85 USB to QD Black Adapter TAA	786C7AA
	Poly DA85-M USB to QD Black Adapter TAA	786C8AA
	Poly MDA220 USB-A	8A7E0AA
	Poly MDA524 QD USB-A	8L544AA
	Poly MDA524 USB-C	85Q24AA
	Poly Voyager Free 60 Carbon Black Earbuds +Basic Charge Case	7Y8M2AA
	Poly Voyager Free 60 UC Black Earbuds +BT700 USB-C Adapter +Basic Charge Case	7Y8M0AA
	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+ 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,7Y8H2AA
	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 60/60+ Black Earbuds (2 Pieces)	8L649AA,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,8L650AA
Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter	8X214AA
Poly Blackwire 3215 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X227AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	93S87AA,8X228AA
Poly Blackwire 3310 Monaural Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X216AA
Poly Blackwire 3310 Monaural USB-C Headset +USB-C/A Adapter	8X215AA
Poly Blackwire 3315 Monaural Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X218AA
Poly Blackwire 3315 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X217AA
Poly Blackwire 3320 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X220AA
Poly Blackwire 3320 Stereo USB-C Headset +USB-C/A Adapter	8X219AA
Poly Blackwire 3325 Stereo Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X222AA
Poly Blackwire 3325 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X221AA
Poly Blackwire 5210 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X230AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA,93S88AA
Poly Blackwire 8225 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X225AA
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Poly EncorePro 310 Monaural USB-A Headset TAA	767G1AA
Poly EncorePro 310 Monoaural with Quick Disconnect Headset TAA	77T43AA
Poly EncorePro 310 USB-C Monoaural Headset TAA	760Q8AA
Poly EncorePro 320 Stereo USB-A Headset TAA	767G0AA
Poly EncorePro 320 Stereo USB-C Headset TAA	767F9AA
Poly EncorePro 320 with Quick Disconnect Binaural Headset TAA	77T26AA
Poly EncorePro 510 Monaural Headset +Quick Disconnect	783Q2AA
Poly EncorePro 515 Microsoft Teams Certified Monoaural with USB-A Headset	783R1AA
Poly EncorePro 515 Monoaural with USB-A Headset	783R0AA
Poly EncorePro 520 Binaural Headset +Quick Disconnect	783P7AA
Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset	783R2AA
Poly EncorePro 525 USB-A Stereo Headset	783R3AA



Poly EncorePro 530 Headset +Quick Disconnect	783P3AA
Poly EncorePro 540 Convertible Headset +Quick Disconnect	783P1AA
Poly EncorePro 715 USB-A Monoaural Headset TAA	783N5AA
Poly EncorePro 720 Binaural Headset +Quick Disconnect	8R707AA
Poly EncorePro 725 USB-A Stereo Headset TAA	783M6AA
Poly EncorePro HW710 Single Ear Headset +Carry Case +Quick Disconnect	8R708AA
Poly Savi 7210 Office DECT 1880-1900 MHz Single Ear Headset (EMEA + APJ)	8D3G9AA
Poly Savi 7210 Office DECT 1920-1930 MHz Single Ear Headset (NA)	7W6D4AA
Poly Savi 7220 Office Binaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8D3G8AA
Poly Savi 7220 Office Binaural DECT 1920-1930 MHz Headset (NA)	7W6D5AA
Poly Savi 7310 Office DECT 1880-1900 MHz Single Ear Headset (EMEA + APJ)	8D3G3AA
Poly Savi 7310 Office DECT 1910-1920 MHz Single Ear Headset (NA)	8D3G5AA
Poly Savi 7310 Office Monoaural DECT 1920-1930 MHz Headset (NA)	7S430AA
Poly Savi 7310 UC Monoaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8L561AA
Poly Savi 7310 UC Monoaural DECT 1893-1906 MHz Headset (Japan)	8L565AA
Poly Savi 7310 UC Monoaural DECT 1910-1920 MHz Headset (NA)	8L566AA
Poly Savi 7310 UC Monoaural DECT 1920-1930 MHz Headset (NA)	8L570AA
Poly Savi 7310 UC Monoaural Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L575AA
Poly Savi 7310 UC Monoaural Microsoft Teams Certified DECT 1893-1906 MHz Headset (Japan)	8L578AA
Poly Savi 7310 UC Monoaural Microsoft Teams Certified DECT 1910-1920 MHz Headset (NA)	8L581AA
Poly Savi 7310 UC Monoaural Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L585AA
Poly Savi 7310-M Office DECT 1880-1900 MHz Single Ear Headset (EMEA + APJ)	8D3K7AA
Poly Savi 7310-M Office DECT 1893-1906 MHz Single Ear Headset (Japan)	8D3K9AA
Poly Savi 7310-M Office DECT 1910-1920 MHz Single Ear Headset (NA)	8D3L0AA
Poly Savi 7310-M Office DECT 1920-1930 MHz Single Ear Headset (NA)	7S439AA
Poly Savi 7320 Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8D3F7AA
Poly Savi 7320 Office Stereo DECT 1893-1906 MHz Headset (Japan)	8D3F8AA
Poly Savi 7320 Office Stereo DECT 1910-1920 MHz Headset (NA)	8D3G0AA
Poly Savi 7320 Office Stereo DECT 1920-1930 MHz Headset (NA)	7S429AA
Poly Savi 7320 UC Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8L545AA
Poly Savi 7320 UC Stereo DECT 1893-1906 MHz Headset (Japan)	8L546AA
Poly Savi 7320 UC Stereo DECT 1910-1920 MHz Headset (NA)	8L548AA



Poly Savi 7320 UC Stereo DECT 1920-1930 MHz Headset (NA)	8L549AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L553AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1893-1906 MHz Headset (Japan)	8L555AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1910-1920 MHz Headset (NA)	8L557AA
Poly Savi 7320 UC Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L559AA
Poly Savi 7320-M Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8D3J6AA
Poly Savi 7320-M Office Stereo DECT 1893-1906 MHz Headset (Japan)	8D3K2AA
Poly Savi 7320-M Office Stereo DECT 1910-1920 MHz Headset (NA)	8D3K0AA
Poly Savi 7320-M Office Stereo DECT 1920-1930 MHz Headset (NA)	7S435AA
Poly Savi 7410 Office Monaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8L589AA
Poly Savi 7410 Office Monaural DECT 1893-1906 MHz Headset (Japan)	8L591AA
Poly Savi 7410 Office Monaural DECT 1910-1920 MHz Headset (NA)	8L592AA
Poly Savi 7410 Office Monaural DECT 1920-1930 MHz Headset (NA)	8L7D5AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L593AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1893-1906 MHz Headset (Japan)	8L594AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1910-1920 MHz Headset (NA)	8L597AA
Poly Savi 7410 Office Monaural Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L7D7AA
Poly Savi 7420 Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8L560AA
Poly Savi 7420 Office Stereo DECT 1893-1906 MHz Headset (Japan)	8L563AA
Poly Savi 7420 Office Stereo DECT 1910-1920 MHz Headset (NA)	8L564AA
Poly Savi 7420 Office Stereo DECT 1920-1930 MHz Headset (NA)	8L567AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L574AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1893-1906 MHz Headset (Japan)	8L576AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1910-1920 MHz Headset (NA)	8L579AA
Poly Savi 7420 Office Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L583AA
Poly Savi 8210 Office DECT 1880-1890 MHz Single Ear Headset (EMEA + APJ)	8D3K3AA
Poly Savi 8210 Office DECT 1880-1900 MHz Single Ear Headset (EMEA + APJ)	8D3K5AA



Poly Savi 8210 Office DECT 1910-1920 MHz Single Ear Headset (NA)	8D3K6AA
Poly Savi 8210 Office DECT 1920-1930 MHz Single Ear Headset TAA (NA)	7S445AA
Poly Savi 8210 UC DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3E9AA
Poly Savi 8210 UC DECT 1920-1930 MHz USB-A Headset (NA)	77T29AA
Poly Savi 8210 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3F1AA
Poly Savi 8210 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset (NA)	77T31AA
Poly Savi 8210-M Office DECT 1880-1900 MHz Single Ear Headset (EMEA + APJ)	8D3J8AA
Poly Savi 8210-M Office DECT 1910-1920 MHz Single Ear Headset (NA)	8D3K1AA
Poly Savi 8210-M Office DECT 1920-1930 MHz Single Ear Headset TAA (NA)	7S447AA
Poly Savi 8220 Office Stereo DECT 1880-1890 MHz Headset (EMEA + APJ)	8D3J1AA
Poly Savi 8220 Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8D3J2AA
Poly Savi 8220 Office Stereo DECT 1910-1920 MHz Headset (NA)	8D3J4AA
Poly Savi 8220 Office Stereo DECT 1920-1930 MHz Headset TAA (NA)	7S4B5AA
Poly Savi 8220 Stereo DECT 1880-1900 MHz Top +Charging Cradle (EMEA + APJ)	8Y9C4AA
Poly Savi 8220 UC DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3F2AA
Poly Savi 8220 UC DECT 1920-1930 MHz USB-A Headset (NA)	77T33AA
Poly Savi 8220 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3F5AA
Poly Savi 8220 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset (NA)	77Y82AA
Poly Savi 8220-M Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8D3H8AA
Poly Savi 8220-M Office Stereo DECT 1910-1920 MHz Headset (NA)	8D3J0AA
Poly Savi 8220-M Office Stereo DECT 1920-1930 MHz Headset TAA (NA)	7S4B6AA
Poly Savi 8245 DECT 1880-1900 MHz Headset +USB-A to USB-C Cable +D400 (EMEA + APJ)	8D3H2AA
Poly Savi 8245 Office DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3H1AA
Poly Savi 8245 Office DECT 1910-1920 MHz USB-A Headset (NA)	8Q005AA
Poly Savi 8245 Office DECT 1920-1930 MHz USB-A Headset TAA (NA)	7W6D1AA
Poly Savi 8245-M Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset +D200 (EMEA + APJ)	8D3F4AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset (EMEA + APJ)	8D3H7AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1910-1920	8Q006AA



MHz USB-A Headset (NA)	
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset TAA (NA)	7W069AA
Poly Savi 8410 Office Monaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8L5A7AA
Poly Savi 8410 Office Monaural DECT 1920-1930 MHz Headset (NA)	8L7E6AA
Poly Savi 8410 Office Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L5A9AA
Poly Savi 8410 Office Monaural Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L7E9AA
Poly Savi 8420 Office Stereo DECT 1880-1900 MHz Headset (EMEA + APJ)	8L5B2AA
Poly Savi 8420 Office Stereo DECT 1920-1930 MHz Headset (NA)	8L7F2AA
Poly Savi 8420 Office Stereo Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L5B3AA
Poly Savi 8420 Office Stereo Microsoft Teams Certified DECT 1920-1930 MHz Headset (NA)	8L7F5AA
Poly Savi 8445 Office DECT 1880-1900 MHz Convertible Headset (EMEA + APJ)	8L5B4AA
Poly Savi 8445 Office DECT 1910-1920 MHz Convertible Headset (NA)	8L5B5AA
Poly Savi 8445 Office DECT 1920-1930 MHz Convertible Headset (NA)	8L7F8AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1880-1890 MHz Convertible Headset (EMEA + APJ)	8L5B7AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1880-1900 MHz Convertible Headset (EMEA + APJ)	8L5B6AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1910-1920 MHz Convertible Headset (NA)	8L5B8AA
Poly Savi 8445 Office Microsoft Teams Certified DECT 1920-1930 MHz Convertible Headset (NA)	8L7F1AA
Poly Voyager 4310 Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Y93AA
Poly Voyager 4310 Microsoft Teams Certified USB-A Headset +BT700 dongle	77Y91AA
Poly Voyager 4310 Microsoft Teams Certified USB-C Headset +BT700 dongle	77Y95AA
Poly Voyager 4310 UC Monaural Headset +BT700 USB-A Adapter +Charging Stand	77Y92AA
Poly Voyager 4310 USB-A Headset +BT700 dongle	76U48AA
Poly Voyager 4310 USB-C Headset +BT700 dongle +Charging Stand	77Y96AA
Poly Voyager 4310 USB-C Headset +BT700 dongle	77Y94AA
Poly Voyager 4310-M Microsoft Teams Certified USB-C Headset +BT700 dongle +Charging Stand	77Y97AA
Poly Voyager 4310-M UC Headset +USB-A to USB-C Cable +BT700 dongle	7Y210AA



Poly Voyager 4320 Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Z00AA
Poly Voyager 4320 Microsoft Teams Certified USB-A Headset +BT700 dongle	77Y98AA
Poly Voyager 4320 Microsoft Teams Certified USB-C Headset +BT700 dongle	77Z30AA
Poly Voyager 4320 UC Stereo USB-A Headset +BT700 USB-A Adapter +Charging Stand	77Y99AA
Poly Voyager 4320 USB-A Headset +BT700 dongle	76U49AA
Poly Voyager 4320 USB-C Headset +BT700 dongle +Charging Stand	77Z31AA
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
Poly Voyager 4320-M +USB-A to USB-C Cable +BT700 dongle	7Y211AA
Poly Voyager 4320-M Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Z32AA
Poly Voyager Focus 2 Microsoft Teams Certified USB-C-C Headset +USB-C/A Adapter +Charging Stand	9T9J6AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter +Charging Stand	9T9J5AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Black Headset +USB-C/A Adapter	9D452AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8H2G3AA,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	8G7T9AA
Poly Voyager Surround 85 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T8AA
Poly Voyager Surround 85 UC USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T7AA
Poly Sync 10 Microsoft Teams Certified Speakerphone	77P34AA
Poly Sync 10 Speakerphone +USB-A to USB-C Cable	7S4M6AA
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
Poly Sync 20 Microsoft Teams Certified USB-A Speakerphone	772C8AA
Poly Sync 20 USB-A Speakerphone	772D2AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 20+ Microsoft Teams Certified USB-A Speakerphone	772C9AA
Poly Sync 20+ Microsoft Teams Certified USB-C Speakerphone	772D1AA
Poly Sync 20+ USB-A Speakerphone	772C6AA
Poly Sync 20+ USB-C Speakerphone	772D0AA
Poly Sync 20+M Speakerphone +USB-A to USB-C Cable +BT700 dongle +Pouch	7Y215AA
Poly Sync 20-M Microsoft Teams Certified USB-C Speakerphone	7F0J8AA
Poly Sync 20-M Speakerphone +USB-A to USB-C Cable	7S4M1AA



Poly Sync 40 Microsoft Teams Certified Speakerphone	77P35AA
Poly Sync 40 USB-A USB-C Speakerphone	772C4AA
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	77P41AA
Poly Sync 60 Speakerphone	772C2AA
HP USB G2 Stereo Headset	428K6AA,428K6PT#ACJ

Video	HP 325 FHD USB-A Webcam	53X27AA
Docking	HP USB-C G5 Dock	5TW10AA
	HP Thunderbolt 120W G4 Dock	4J0A2AA
	HP USB-C/A G2 Universal Dock	5TW13AA
Cases	HP 115 15.6 Laptop Backpack	8DV45AA#ACJ
	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	35L98AA#ACJ,35L98UT#ACJ
	HP 225 15.6 Laptop Backpack	2P7U6AA#ACJ,2P7U6UT#ACJ
	HP 235 15.6 Laptop Backpack	35M00AA#ACJ
	HP 315 15.6 Laptop Backpack	35L97AA#ACJ
	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 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 Mobility 11.6 Laptop Case	4U9G8AA
	HP Prelude G2 15.6 Backpack	1E7D6AA,1E7D6UT, 50P32AA
	HP Prelude G2 15.6 Top Load	1E7D7AA, 50P31AA
	HP Prelude Pro Recycled 15.6 Top Load	1X644AA,1X644UT
	HP Prelude Pro Recycled 15.6 Backpack	1X645AA,1X645UT
	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	6B8Y1AA,6B8Y1UT
	HP Renew Executive 16 Laptop Bag	6B8Y2AA
	HP Travel 18L 15.6 Iron Gray Laptop Backpack	6H2D9AA
	HP Travel 25L 15.6 Iron Gray Laptop Backpack	6H2D8AA
	HP Travel Plus 15L 14 Laptop Bag	A2CE2AA
	HP Travel Plus 22L 16 Laptop Bag	A2CE1AA
	HP Travel Plus 30L 17 Laptop Backpack	A2CE0AA
Hub	HP USB-C to USB-A Hub	Z6A00AA
	HP Universal USB-C Multiport Hub	50H55AA,50H55UT,50H55PT#ACJ
	HP 4K USB-C Multiport Hub	6G843AA,6G843UT
	HP USB-C Travel Hub G3	86S97AA,86S97UT
	HP Universal USB-C Hub and Laptop Charger Combo	9H0H9AA
Adapter	HP USB-C to USB 3.0 Adapter	N2Z63AA
	HP USB-C to VGA Adapter	N9K76AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB-C to RJ45 Adapter G2	4Z527AA
	HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
	HP USB-C to DisplayPort Adapter G2	8Y8Y1AA
Keyboard/Combo	HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA,9SR36UT
	HP 325 Chrome BT Keyboard	45U14AA#ABA
	HP 355 Compact Multi-Device BT Keyboard	692S9AA
	HP 475 Dual-Mode Keyboard	7N7B9AA, 7N7B9UT
	HP 405 Multi-Device Wired Backlit Keyboard	7N7C1AA,7N7C1UT
Mouse	HP 320M USB-A Wired Mouse	9VA80AA
	HP 128 USB Laser Wired Mouse	265D9AA
	HP 125 USB-A Wired Mouse	265A9AA, 265A9UT,265A9AT
	HP 435 Bluetooth 5.0 + Wireless 2.4GHz Multi-Device Wireless Mouse	3B4Q5AA,3B4Q5UT
	HP 425 Programmable Bluetooth Wireless Mouse	7M1D5AA
	HP 245 Bluetooth 5.0 Bluetooth Mouse Black	81S67AA,81S67UT
	HP 105 Sanitizable Mouse Pad	8X595AA
	HP 205 Sanitizable Desk Mat	8X597AA
Power	HP 45W USB-C LC Dali AC Power Adapter	1MZ01AA
Commodity	HP USB DVD-Writer EXT ODD	F2B56AA,F2B56ET,F2B56UT



CHANGELOG

Date of change	Version History		Description of change
February 17, 2025	Version 1 to 2	Updated	Weight Section
February 20, 2025	Version 2 to 3	Added	Environmental Section

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

Intel, Core, Thunderbolt and Intel vPro are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.