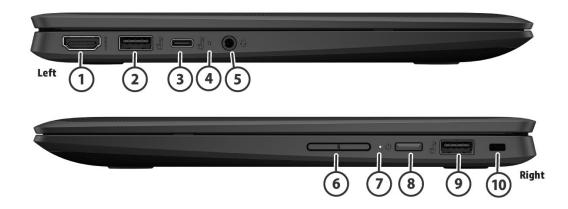
HP Fortis Flip G1m 11 inch Chromebook



		Front	
1	Internal Microphone (2)	7	Lock Key
2	Webcam	8	Webcam LED (Optional)
3	HP Privacy Camera	9	Auto-Focus 5MP Rear Camera with single mic World Facing secondary camera (Optional)
4	Webcam LED	10	Microphone (Optional)
5	HP USI Garaged Pen (Optional)	11	Clickpad
6	Pen Charging Garage (Optional)		





Sides				
1	HDMI 1.4 (Select Models)	6	Volume buttons	
2	USB Type-A 5Gbps signaling rate (Charges with power on)	7	Power Button LED	
3	USB Type-C® 5Gbps signaling rate (USB Power Delivery,	8	Power Button	
	DisplayPort™ 1.2)			
4	Power LED	9	USB Type-A 5Gbps signaling rate (Charges with power on)	
5	Headphone/mic combo jack	10	Security lock slot (Lock sold separately)	



QuickSpecs

PRODUCT NAME

HP Fortis Flip G1m 11 inch Chromebook

OPERATING SYSTEMS

Chrome OS

PROCESSORS

Processor ¹	Cores	Threads	Base Frequency	L3 Cache
MediaTek Kompanio 520	8 cores	8	2.05 GHz	1MB

Processor Family

Mediatek Arm Cortex-A processor

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



QuickSpecs

GRAPHICS

Integrated

ARM® Mali™-G52 MP2 Graphics



DISPLAY

Touch

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

Pen

HP USI Garaged Pen (optional)

Displays support

Support extended displays through HP docks

Display Size

29.46 cm (11.6")



DOCKING (SOLD SEPARATELY)

Docking station model #1

HP USB-C Dock G5

Total number of supported displays (incl.the

notebook) display)

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.

Docking station model #2

Total number of supported displays (incl.the

notebook) display)

Max.resolutions supported

·iax.i esotutions supporteu

Dock Connectors

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

HP USB-C/A Universal Dock G2

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

the notebook.

3

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.



QuickSpecs

STORAGE AND DRIVES

Primary Storage

 $64 \text{ GB eMMC } 5.0^{2}$ 32 GB eMMC 5.0^{2}

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



QuickSpecs

MEMORY

Maximum Memory

8 GB LPDDR4X - 3600MT/s

Memory

8 GB LPDDR4X - 3600MT/s $4 GB LPDDR4X - 3733MT/s^3$

Memory Slots

No memory slots. Memory soldered down. The memory is non-accessible / non-upgradeable.

3. 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.



QuickSpecs

NETWORKING / COMMUNICATIONS

WLAN

MediaTek MT7921 (2x2) Wi-Fi 6 Bluetooth® 5.3 wireless card® 4

Chromecast

Chromecast Support

4. 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

Dual speakers Dual array microphones

Speaker Power

2W/4ohm Per speaker

Camera

720p HD camera HP Privacy Camera 5MP Rear Camera with SingleMic (World Facing secondary camera) (Optional)

Sensors

Accelerometer + Gyroscope



KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard

Full-size island-style Chrome keyboard, spill resistant with HP Full-Skirted Anchored Key ⁵

Pointing Device

Clickpad with multi-touch gesture support Taps enabled as default

Function Keys

_	DI
-	Back
•	Daci

C Reload

Full Screen

□II Display Apps

Screenshot

Brightness Down

Brightness Up

₩ Mute

◆ Volume Down

Volume Up

5. Backlit keyboard is an optional feature.



SOFTWARE AND SECURITY

Application Software

HP Support Assistant 6

Manageability Features

Chrome Education Upgrade ^{7,8} Chrome Enterprise Upgrade

Security Management

Titan H1 Security Chip Security lock slot (Lock sold separately) ⁷ Zero-touch enrollment ⁹

IPv6 Support

Yes

FirstNet Certified

No

Does the BIOS implement the ISO/IEC 19678:2015 (formerly NIST 800-147) guidelines?: Yes 10.11

- 6. HP Support Assistant is available on ChromeOS. For more information, please visit https://support.hp.com/us-en/document/ish_6020195-5991003-16
- 7. Sold separately
- 8. Chrome Education Upgrade requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see https://support.google.com/a/answer/60216.
- 9. Zero-touch enrollment is sold separately and requires separately purchased HP Get More Service. 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.
- 10. HP BIOSphere features may vary depending on the platform and configuration.
- 11. HP Sure Admin requires Windows 10 or higher, HP BIOS, and HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.



POWER

Power Supply

HP 45W Standard USB Type-C® AC power adapter ¹²
HP 65W Standard USB Type-C® Halogen Free AC power adapter ¹²

Battery

HP Long Life 3 cell, 41Whr Polymer 12,13

Battery Recharge Time

Supports battery HP Fast Charge: approximately 90% in 90 minutes 14

Power Cord

3-wired plug- 1.0m

Battery Life

Up to 16 hours with 41Wh battery (UMA graphic, MTK 8186, display set to 80 nits, 8G memory, 64GB emmc storage)

Battery Weight

0.38 lb

175g

- 12. Availability may vary by country.
- 13. Only available for selected regions and selected configurations.
- 14. 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.



WEIGHT & DIMENSIONS

Product Weight

Starting at 1.18kg (2.6 lb)15

Product Dimensions (w x d x h)

293 mm (W) x 199.5 mm (D) x 9.06 mm (front)/ 16.45 mm (rear) (11.54 in (W) x 7.85 in (D) x 0.36 in (front)/0.65 in (rear)) Maximum height 20.2 mm (0.8 in) 16

Pallet Dimensions (w x d x h)

11" boxes (260 mm height): 1200mm x 1000mm x 1200mm1080mm ¹⁷

- 15. Weight will vary by configuration. Does not include power adapter.
- 16. 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.
- 17. 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. https://h20195.www2.hp.com/v2/GetPDF.aspx/c08960410.pdf



QuickSpecs

PORTS/SLOTS

- 1 x USB Type-C[®] 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2) ¹⁸
- 2 x USB Type-A 5Gbps signaling rate (Charges with power on) 18
- 1 x Headphone/mic combo jack
- 1 x Security lock slot
- $1 \times HDMI 1.4$ (Select Models) 19
- 18. SuperSpeed USB 20Gbps is not available.
- 19. HDMI cable sold separately.



ENVIRONMENTAL DATA

Eco-Label Certifications & declarations	and may be labeled with one or	more of these marks: agement Program (FEMP) I in the United States. See htt our country.	
Sustainable Impact	Product Carbon Footpri	int	
Specifications	At least 5% ocean bour	nd plastic in the Speaker enclo	sures ¹
	 At least 3.5% post-cons 	sumer recycled plastic ²	
	 Low Halogen⁴ 		
	 100% of HP paper-base 	ed packaging is from recycled	or certified sustainable
	sources ⁵		
System Configuration	Bulk packaging availab The configuration used for the E		
Energy Consumption	the Notebook model is based or	ra Typically comigared note	Sook .
(in accordance with US ENERGY			
STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
STAR® test method) Normal Operation (Short idle)	2.67 W	2.74 W	2.69 W
STAR® test method) Normal Operation (Short idle) Normal Operation (Long idle)	2.67 W 1.05 W	2.74 W 1.02 W	2.69 W 1.00 W
STAR® test method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	2.67 W 1.05 W 0.29 W	2.74 W 1.02 W 0.33 W	2.69 W 1.00 W 0.30 W
STAR® test method) Normal Operation (Short idle) Normal Operation (Long idle)	2.67 W 1.05 W	2.74 W 1.02 W 0.33 W 0.25 W is for an ENERGY STAR® compliad with the ENERGY STAR® Logo and accy (EPA) ENERGY STAR® specifice compliant configurations, then ng a hard disk drive, a high effici	2.69 W 1.00 W 0.30 W 0.22 W Interproduct if offered within the re compliant with the applicable ations for computers. If a model energy efficiency data listed is
STAR® test method) Normal Operation (Short idle) Normal Operation (Long idle) Sleep	2.67 W 1.05 W 0.29 W 0.22 W NOTE: Energy efficiency data listed model family. HP computers marke U.S. Environmental Protection Ager family does not offer ENERGY STAR for a typically configured PC featuri	2.74 W 1.02 W 0.33 W 0.25 W is for an ENERGY STAR® compliad with the ENERGY STAR® Logo and accy (EPA) ENERGY STAR® specifice compliant configurations, then ng a hard disk drive, a high effici	2.69 W 1.00 W 0.30 W 0.22 W Interproduct if offered within the re compliant with the applicable ations for computers. If a model energy efficiency data listed is
Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off	2.67 W 1.05 W 0.29 W 0.22 W NOTE: Energy efficiency data listed model family. HP computers marke U.S. Environmental Protection Ager family does not offer ENERGY STAR for a typically configured PC featuri Microsoft Windows® operating syst 115VAC, 60Hz	2.74 W 1.02 W 0.33 W 0.25 W is for an ENERGY STAR® compliad with the ENERGY STAR® Logo and the state of t	2.69 W 1.00 W 0.30 W 0.22 W Interproduct if offered within the are compliant with the applicable ations for computers. If a model energy efficiency data listed is ency power supply, and a
Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation*	2.67 W 1.05 W 0.29 W 0.22 W NOTE: Energy efficiency data listed model family. HP computers marke U.S. Environmental Protection Ager family does not offer ENERGY STAR for a typically configured PC featuri Microsoft Windows® operating syst	2.74 W 1.02 W 0.33 W 0.25 W is for an ENERGY STAR® complia d with the ENERGY STAR® Logo a ncy (EPA) ENERGY STAR® specific compliant configurations, then ng a hard disk drive, a high effici em. 230VAC, 50Hz 9 BTU/hr	2.69 W 1.00 W 0.30 W 0.22 W Interpolate of the second sec
Normal Operation (Short idle) Normal Operation (Long idle) Sleep Off Heat Dissipation* Normal Operation (Short idle)	2.67 W 1.05 W 0.29 W 0.22 W NOTE: Energy efficiency data listed model family. HP computers marke U.S. Environmental Protection Ager family does not offer ENERGY STAR for a typically configured PC featuri Microsoft Windows® operating syst 115VAC, 60Hz 9 BTU/hr	2.74 W 1.02 W 0.33 W 0.25 W is for an ENERGY STAR® compliad with the ENERGY STAR® Logo and the state of t	2.69 W 1.00 W 0.30 W 0.22 W Interpolated if offered within the recompliant with the applicable ations for computers. If a model energy efficiency data listed is ency power supply, and a 100VAC, 50Hz 9 BTU/hr



	*NOTE: Heat di level is attaine		sed on the measured watts, assumi	ng the service
Declared Noise Emissions		Sound Power	Sound Pressu	re
(in accordance with		(Lwad, bels)	(L _{pAm} , decibel:	s)
ISO 7779 and ISO 9296)				
Typically Configured – Idle		2.6	17.5	
Fixed Disk – Random writes		2.6	17.5	
Optical Drive – Sequential reads		-	-	
Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.			
Additional Information	 This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC. This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC. This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per IS011469 and IS01043. This product is 94.5% recycle-able when properly disposed of at end of life. 			
Packaging Materials	External:	PAPER/Corrugated		245 g
		PAPER/Molded Pulp		72 g
		PAPER/paper		24 g
	The plastic pa	ckaging material contain	s at least 0.00% recycled content.	
	The corrugate	d paper packaging mater	ials contains at least 100% 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.			
	industry-wide of additional subs	elimination of substances	ar laws play an important role in pro s of concern. We have supported the BFRs, and certain phthalates—in fut d electronics products.	inclusion of
	requirements f extend the sco	or virtually all relevant p	ve worldwide compliance with the n roducts by July 2013, and we will co include further restricted substance	ntinue to



	To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.
Material Usage	This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05998906): Asbestos Certain Azo Colorants Certain Brominated Flame Retardants – may not be used as flame retardants in plastics Cadmium Chlorinated Hydrocarbons Chlorinated Paraffins Bis(2-Ethylhexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP) Formaldehyde Halogenated Diphenyl Methanes Lead carbonates and sulfates Lead and Lead compounds Mercuric Oxide Batteries Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user. Ozone Depleting Substances Polybrominated Biphenyl (PBBs) Polybrominated Biphenyl Ethers (PBBEs) Polybrominated Biphenyl (PCB) Polychlorinated Terphenyls (PCT) Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.



Packaging Usage HP follow	46
	vs these guidelines to decrease the environmental impact of product packaging:
	Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
•	Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
•	Design packaging materials for ease of disassembly.
	Maximize the use of post-consumer recycled content materials in packaging materials.
	Use readily recyclable packaging materials such as paper and corrugated materials.
•	Reduce size and weight of packages to improve transportation fuel efficiency.
	Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
_	s end-of-life HP product return and recycling programs in many geographic areas.
	e your product, please go to:
· · · · · · · · · · · · · · · · · · ·	20195.www2.hp.com/V2/GetDocument.aspx?docname=c05403198 or contact rest HP sales office. Products returned to HP will be recycled, recovered or
	of in a responsible manner.
The EU W	/EEE directive (2002/95/EC) requires manufacturers to provide treatment
	ion for each product type for use by treatment facilities. This information (product
	ably instructions) is posted on the Hewlett Packard web site at: HP Product
	ably Instruction Website. These instructions may be used by recyclers and other eatment facilities as well as HP OEM customers who integrate and re-sell HP
equipme	_
счиртс	
HP, Inc. Corporate For more	information about HP's commitment to the environment:
Environmental Information	simple language Danguage
	ainable Impact Report https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c06040843
	label certifications
	https://www.hp.com/us-en/sustainable-impact/document-
	reports.html#filters_documents_reports-=document_type- type_energy_star,type_epeat,type_tcoISO
	14001 certificates:
	https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c04777932
	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.
	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.
	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



HP Fortis Flip G1m 11 inch Chromebook

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.



QuickSpecs

SERVICE AND SUPPORT

1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc ²⁰

20. 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) USB-C 45W adapter

Nominal Operating Voltage 15V (3A)
Average Operating Power <45W
Max Operating Power <45W

Temperature

Operating 32° to 95° F (0° to 35° C) (not writing optical) Non-operating 41° to 95° F (5° to 35° C) (writing optical)

Relative Humidity

Operating 10% to 90%, non-condensing

Non-operating 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature

Shock

Operating 40 G, 2 ms, half-sine Non-operating 200 G, 2 ms, half-sine

Random Vibration

Operating 0.75 grms Non-operating 1.50 grms

Altitude (unpressurized)

Operating -50 to 10,000 ft (-15.24 to 3,048 m) Non-operating -50 to 40,000 ft (-15.24 to 12,192 m)

Planned Industry Standard Certifications

Regulatory Model Number HP Fortis 11" ChromeBook

ENERGY STAR® Yes ²¹

EPEAT EPEAT® Gold in the United States ²²

FCC/ICES/CISPR/VCCI Yes
CE MARKING Yes

GS Mark Yes, Related commodity should comply with ISO 9241 Standards.

Taiwan BSMI/NCC

Korea KCC/KC/KES

Ukraine NSoC/TEC

EAEU Compliance

Saudi Arabian Compliance

TCO

Yes

WW RoHS

Yes

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

22. 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.

91464 - 11.6 in HD (1366x768) BrightView UWVA LED NTSC 50 250 DBTSP eDP 60Hz flat CTK LCD Panel

 Outline Dimensions (W x H x D)
 278.500 x 168.500 x 3.000 (max)

 Active Area
 256.125 x 144.000 mm (typ.)

Weight 200 g (max)
Diagonal Size 11.6 (inch)
Surface Treatment Anti-Glare
Touch Enabled Yes

Contrast Ratio 800:1 (typical)

Refresh Rate 60Hz

Brightness 250 nits (typ) ¹ **Pixel Resolution - Format** 1366 x 768 (HD)

BacklightWLEDPixel ResolutionRGBColor Gamut CoverageNTSC 50%

Color Depth 6 (Hi FRC w/ condition to enable)

Viewing Angle UWVA 85/85/85

Low Blue Light No

Power Consumption (W, EBL@

150nits max/ 200nits max)

2.06 (max)/ 1.7 (max)



QuickSpecs

STORAGE

eMMC 5.x Form Factor 153 FBGA Capacity 32GB/64GB

NAND Type TLC
Height 1.4 mm

Width 11.5 x 13 mm

Weight 0.2 g
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)

Security Features 32° to 158°F (0° to 70°C) [ambient temp]



NETWORKING / COMMUNICATION

Mediatek MT7921 Wi-Fi 6 +Wireless LAN StandardsIEEE 802.11 a/b/g/n/ac/ax compliantBT5.3 Wireless Card (802.11axIEEE 802.11 d/e/h/i/j/k/mc/r/v/w support2x2, supporting gigabit dataIEEE 802.11a

2x2, supporting gigabit datarate)

IEEE 802.11a

IEEE 802.11b

IEEE 802.11g

IEEE 802.11n
IEEE 802.11ac
IEEE 802.11ac
IEEE 802.11d
IEEE 802.11d
IEEE 802.11h
IEEE 802.11h
IEEE 802.11i
IEEE 802.11r
IEEE 802.11r
IEEE 802.11v

Interoperability Wi-Fi certified modules
Frequency Band • 802.11b/g/n/ax
2.412 – 2.484 GHz

• 802.11a/n/ac/ax 4.905 – 5.915 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(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

• 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 Power³ • 802.11b: +17dBm minimum

802.11g: +13.5dBm minimum802.11a: +13.5dBm minimum



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 • 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 FactorPCI-Express M.2 MiniCardDimensionsType 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) 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

Humidity

Bluetooth Specification 4.0/4.1/4.2/5.0/5.1/5.2/5.3 Compliant

Frequency Band 2402 to 2480 MHz



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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

C Adapter 45 Watt nPFC Standard USB type C Straight 1.8m **Dimensions** 3.701 x 1.693 x 1.071 in (9.4x4.3x2.72cm)

Weight 180g(+/-10g) (Not including power cord. Power cord varies by

country.)

Input Voltage 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 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 Over Current < 5.0A

Protection

AC Connector C6

DC Connector USB type C

DC Cable Material PVC

Operating Temperature 32°F to 95°F (0° to 35°C) **Non-operating (storage)** -4°F to 185°F (-20° to 85°C)

Temperature

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)

65W Standard USB-C Halogen Free Straight AC Power Adapter **Dimensions** 3.543 x 2.008 x 1.122 in (9.0 x 5.1 x 2.85 cm)

Weight 220g(+/-10g) (Not including power cord. Power cord varies by

country.)

Input Voltage 100-240Vac

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/65W 20V/65W

DC Output 5V/9V/12V/15V/20V

Hold-up Time 100% load 5ms at 115 Vac input

Output Over Current < 8.0A

Protection

AC Connector C6

DC ConnectorUSB type CDC Cable MaterialHalogen Free

Operating Temperature 32°F to 95°F (0° to 35°C) **Non-operating (storage)** -4°F to 185°F (-20° to 85°C)

Temperature

Altitude 0 to 16,400 ft (0 to 5000m)

Humidity20% to 95%Storage Humidity10% 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, UL 62368-1

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

HP 3-cell Long Life Li-Ion (41 WHr)

Weight 0.175 kg (0.385 lb)

Cells/Type 3cell Lithium-Ion Polymer cell / 515974

Voltage 11.25V Amp-hour capacity 3.648Ah Watt-hour capacity 41Wh

Operating (Charging)32° to 113° F (0° to 45° C)Operating (Discharging)14° to 122° F (-10° to 60° C)

Optional Travel Battery No

Available



HP Fortis Flip G1m 11 inch Chromebook

AUDIO

HDI2S Stereo Codec Audio I/O Ports

Internal Speaker Amplifier Multi-streaming Capable

Sampling

Wavetable Syntheses

Analog Audio

of Channels on Line-Out

Internal Speaker

Realtek ALC5682I-VS

Headset connector supports both CTIA and OMTP style headset

Realtek ALC1019 x 2, up to 3W class-D mono amplifier

Follow ChromeOS behavior and definition

(NOT SUPPORT in current version)

Follow ChromeOS behavior and definition

N/A.

Stereo headphone out by 3.5mm audio jack only.

Line-out is not supported.

Yes



OPTIONS

Category Audio

Description.	Davit Namelan
Description	Part Number
HP USB G2 Stereo Headset	428K6AA,428K6PT#ACJ
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	7Y8MOAA
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	7Y8L7AA
Case	
Poly Voyager Free 60 UC M Carbon Black Earbuds +BT700 USB-C Adapter +Basic Charge	7Y8L8AA
Case	
Poly Voyager Free 60 UC M White Sand Earbuds +BT700 USB-A Adapter +Basic Charge	7Y8L5AA
Case	
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	7Y8G3AA
Charge Case	
Poly Voyager Free 60+ UC Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen	7Y8G4AA,7Y8H2AA
Charge Case	=1/0.004.4
Poly Voyager Free 60+ UC M Carbon Black Earbuds +BT700 USB-A Adapter +Touchscreen	7Y8G9AA
Charge Case	TV0110 A A
Poly Voyager Free 60+ UC M Carbon Black Earbuds +BT700 USB-C Adapter +Touchscreen	7Y8H0AA
Charge Case	
Poly Voyager Free 60+ UC M White Sand Earbuds +BT700 USB-A Adapter +Touchscreen	7Y8G7AA
Charge Case	71/05044
Poly Voyager Free 60+ UC M White Sand Earbuds +BT700 USB-C Adapter +Touchscreen	7Y8G8AA
Charge Case	71/06544
Poly Voyager Free 60+ UC White Sand Earbuds +BT700 USB-A Adapter +Touchscreen	7Y8G5AA
Charge Case	71/06644
Poly Voyager Free 60+ UC White Sand Earbuds +BT700 USB-C Adapter +Touchscreen	7Y8G6AA
Charge Case	
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



Daly Blackwing 2220 Stores USB Clies deet JUSB C/A Adaptor	020744 0722044
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter Poly Blackwire 3310 Monaural Microsoft Teams Certified USB-C Headset +USB-C/A	93S87AA,8X228AA 8X216AA
•	ONZIDAA
Adapter Poly Plackwire 2210 Manager LISB C Hoodcat LISB C/A Adapter	0V21FAA
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	8X218AA
+USB-C/A Adapter	0721744
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-	8X222AA
C/A Adapter	0.7.2.1.4.4
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 Monaural DECT 1920-1930 MHz Headset (NA)	7S430AA
Poly Savi 7310 UC Monaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8L561AA
Poly Savi 7310 UC Monaural DECT 1893-1906 MHz Headset (Japan)	8L565AA
Poly Savi 7310 UC Monaural DECT 1910-1920 MHz Headset (NA)	8L566AA



Poly Savi 7310 UC Monaural DECT 1920-1930 MHz Headset (NA)	8L570AA
Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1880-1900 MHz Headset (EMEA + APJ)	8L575AA
	8L578AA
Poly Savi 7310 UC Monaural Microsoft Teams Certified DECT 1910-1920 MHz Headset (NA)	8L581AA
Poly Savi 7310 UC Monaural 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
·	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 1970-1920 MHz Headset (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 1910-1920 MHz USB-A Headset TAA (NA)	7W6D1AA
Poly Savi 8245-M Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset +D200	/ WOD TAA
(EMEA + APJ)	8D3F4AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset	OD3F4AA
(EMEA + APJ)	8D3H7AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1910-1920 MHz USB-A Headset	אאזווכטט
(NA)	8Q006AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset	SQUUIN
TAA (NA)	7W069AA
Poly Savi 8410 Office Monaural DECT 1880-1900 MHz Headset (EMEA + APJ)	8L5A7AA
. 3.5 Jan 5 . 13 office Floridative Dec 1300 1300 Fill Effect Center 1 11 37	323.17117



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 325 FHD USB-A Webcam	53X27AA
HP USB-C G5 Dock	5TW10AA
HP USB-C/A G2 Universal Dock	5TW13AA
THE USB CIA GE UNIVERSALE BUCK	JIWIJAA
HP Prelude Pro Recycled 15.6 Backpack	1X644AA
HP Prelude Pro Recycled 15.6 Top Load	1X645AA
HP Prelude G2 15.6 Top Load	1E7D7AA,50P31AA
	1E7D6AA,1E7D6UT,50P
HP Prelude G2 15.6 Backpack	32AA
HP Renew Business 17.3 Laptop Backpack	3E2U5AA,3E2U5UT
HP Renew Business 17.3 Laptop Bag	3E2U6AA
	3E5F8AA,3E5F8ET,3E5
HP Renew Business 15.6 Laptop Bag	F8UT



Video

Docking

Cases

QuickSpecs

	3E5F9AA,3E5F9ET,
HP Renew Business 14.1 Laptop Bag	3E5F9UT
HP Renew Business 14.1 Laptop Sleeve	3E2U7AA
HP Renew Executive 16 Laptop Backpack	6B8Y1AA,6B8Y1UT
HP Renew Executive 16 Laptop Bag	6B8Y2AA
HP Renew Executive 14.1 Laptop Sleeve	6B8Y3AA
HP Travel 25L 15.6 Iron Gray Laptop Backpack	6H2D8AA
HP Travel 18L 15.6 Iron Gray Laptop Backpack	6H2D9AA
	35L98AA#ACJ,
HP 215 15.6 Laptop Backpack	35L98UT#ACJ
HP 315 15.6 Laptop Backpack	35L97AA#ACJ
HP 235 15.6 Laptop Backpack	35M00AA#ACJ
	2P7U6AA#ACJ,
HP 225 15.6 Laptop Backpack	2P7U6UT#ACJ
HP 115 15.6 Laptop Backpack	8DV45AA#ACJ
HP Campus XL Marble Stone Backpack	7K0E2AA
HP Campus XL Tie Dye Backpack	7K0E3AA
HP Campus Green Backpack	7K0E4AA
HP Campus Blue Backpack	7K0E5AA
HP 14 Convertible Laptop Backpack Tote	9C2H1AA
HP Convertible Laptop Stand	9C2H2AA
HP Everyday 14 Odyssey Gray Laptop Briefcase	A08KGAA
HP Everyday 16 Odyssey Gray Laptop Briefcase	A08KHUT
HP Everyday 14 Odyssey Gray Laptop Bag	A08KJAA
HP Everyday 16 Odyssey Gray Laptop Bag	A08KKAA
HP Everyday 16 Odyssey Gray Laptop Backpack	A08KLUT
HP Travel Plus 30L 17 Laptop Backpack	A2CE0AA
HP Travel Plus 22L 16 Laptop Bag	A2CE1AA
HP Travel Plus 15L 14 Laptop Bag	A2CE2AA
HP USB-C to USB-A Hub	Z6A00AA
	50H55AA,50H55PT#ACJ,
HP Universal USB-C Multiport Hub	50H55UT
HP 4K USB-C Multiport Hub	6G842AA,6G843UT
HP USB-C Travel Hub G3	86S97AA,86S97UT
HP Universal USB-C Hub and Laptop Charger Combo	9НОН9АА
HP HDMI to VGA Adapter	H4F02AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to VGA Adapter Scrappy	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



Hub

Adapter

Keyboard/Combo	HP 225 Wired Mouse and Keyboard Combo HP 225 Wired Mouse and Keyboard Combo Cashmere White	286J4AA 86J24AA
	HP 685 Comfort Dual-Mode Keyboard and Mouse Combo	8T6L7UT
	HP 725 Multi-Device Rechargeable Wireless Keyboard and Mouse Combo	9T5B0UT
	HP 320K Wired Keyboard	9SR37AA
	HP 325 Chrome BT Keyboard	45U14AA 692S9AA
	HP 355 Compact Multi-Device BT Keyboard HP 475 Dual-Mode Keyboard	
	•	7N7B9AA,7N7B9UT
	HP 405 Multi-Device Wired Backlit Keyboard	7N7C1AA,7N7C1UT 8T6L9UT
	HP 685 Comfort Dual-Mode Keyboard	
	HP 485 Comfort Wired Keyboard	8T6M2AA
	HP 725 Multi-Device Rechargeable Keyboard	9T5B2AA
Mouse	HP 320M USB-A Wired Mouse	9VA80AA
	HP 128 USB Laser Wired Mouse	265D9AA
		265A9AA,265A9AT,265A
	HP 125 USB-A Wired Mouse	9UT
	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 685 Comfort Dual-Mode Mouse	8T6MOUT
	HP 105 Sanitizable Mouse Pad	8X595AA
	HP 205 Sanitizable Desk Mat	8X597AA
	HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
Power	HP 45W USB-C LC AC Power Adapter	1MZ01AA
	HP 65W USB-C LC AC Power Adapter	1P3K6AA
	HP 65W USB-C Laptop Charger	671R3AA,671R3UT
Commodity	HP Nano Keyed Cable Lock	1AJ39AA
•	HP Nano Master Keyed Cable Lock	1AJ4OAA
	HP SureKey Standard/Nano/Wedge Cable Lock	6UW42AA
	HP Combination Nano Cable Lock	63B28AA
	HP Essential Combination Nano Cable Lock	63B31AA
	HP USB DVD-Writer EXT ODD	F2B56AA
Digital Do-	UD USI Caraged Den	4000544
Digital Pen	HP USI Garaged Pen	4R0Q5AA
	HP 705 RECHBL Multi Pen	93Z28AA



HP Fortis Flip G1m 11 inch Chromebook

CHANGELOG

Date of change	Version History		Description of change
January 24, 2025	Version 1 to 2	Updated	Battery Life Section

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