

Overview

HP Chromebook 11 G6 EE



- 1. Webcam LED
- 2. Webcam
- 3. Internal microphone
- 4. Touchpad

Right

- 5. USB 3.1 Gen 1
- 6. USB Type-C™
- 7. Nano Security lock slot (Lock sold separately.)

Overview



1. USB Type-C™
2. USB 3.1 Gen 1
3. Micro SD Card Reader

Left

4. Audio combo jack

Overview

AT A GLANCE

- 19 mm thin and rugged design for durability
- Enjoy affordable, convenient mobile productivity with latest Intel® Celeron® processor
- Designed to pass MIL STD 810G tests¹
- USB 3.1 Type-C™ Gen 1 port (Supports Power Delivery + DisplayPort™)
- Choice of up to 8 GB memory and 64 GB eMMC storage
- Spill and pick resistant keyboard
- Long battery life
- 180 degree hinge and optional HD IPS Touchscreen for easy collaboration
- Enjoy Android™ Apps* on Chrome OS™²
- Your Chromebook boots up within 10 seconds and you can be browsing online and working in Google Apps just moments later
- Store up to 100 GB of your files and content with Google Drive. Your own virtual hard drive is available anywhere the Internet is accessible with this complimentary two year promotion³

1. MIL STD 810G testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

2. The availability of Chrome OS System supporting Android Apps is dependent on Google's Chrome OS support, readiness timeline will be announced by Google <https://sites.google.com/a/chromium.org/dev/chromium-os/chrome-os-systems-supporting-android-apps>

3. This offer is tied to this device and is non-transferable. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OSTM 23 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: <https://support.google.com/chromebook/answer/2703646?hl=en>

NOTE: See important legal disclosures for all listed specs in their respective features sections.

Features

PRODUCT NAME

HP Chromebook 11 G6 EE

OPERATING SYSTEM

Preinstalled
Chrome OS™

PROCESSOR

Intel® Celeron® N3350 with Intel® HD Graphics 500 (1.1 GHz base frequency, up to 2.4 GHz burst frequency, 2 MB cache, 2 cores)^{4,5}

Intel® Celeron® N3450 with Intel® HD Graphics 500 (1.1 GHz base frequency, up to 2.2 GHz burst frequency, 2 MB cache, 4 cores)^{4,5}

Processor Family
Intel® Celeron® processor

4. 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. Intel's numbering is not a measurement of higher performance.
5. Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

CHIPSET

Integrated with processor

GRAPHICS

Intel® HD Graphics 500⁶

6. HD content required to view HD images.

Features

DISPLAY

Internal

Non-Touch

29.46 cm (11.6") diagonal HD SVA anti-glare WLED-backlit, 220 cd/m², 72% sRGB (1366 x 768)^{7,8}

29.46 cm (11.6") diagonal HD UWVA anti-glare WLED-backlit, 220 cd/m², 72% sRGB (1366 x 768)^{7,8,9}

Touch

29.46 cm (11.6") diagonal HD IPS BrightView WLED-backlit touch screen, 220 cd/m², 72% sRGB (1366 x 768)^{7,8,10}

Display Size

11.6"

29.46 cm (11.6")

7. HD content required to view HD images.

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

9. Planned to be available in mid-April

10. Sold separately or as an optional feature.

STORAGE AND DRIVES

Primary Storage

16 GB eMMC 5.0¹¹

32 GB eMMC 5.0¹¹

64 GB eMMC 5.0¹¹

11. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. 5.1 GB of the eMMC are dedicated/allocated to the Chrome OSTM partition.

MEMORY

Maximum Memory

8 GB LPDDR4-2400 SDRAM

Memory soldered down

8 GB LPDDR4-2400 SDRAM

4 GB LPDDR4-2400 SDRAM

Features

NETWORKING/COMMUNICATIONS

WLAN

Intel® Dual Band Wireless-AC 7265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™¹²
Integrated with dual antennas.

Miracast

Native Miracast Support¹³

12. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

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

AUDIO/MULTIMEDIA

Audio

HD Audio
Dual speakers
Integrated microphone

Camera

720p HD camera¹⁴

14. HD content required to view HD images.

KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard

Full-sized island-style, spill resistant, pick resistant
Optional Full-sized island-style, backlit, spill resistant, pick resistant

Pointing Device

Touchpad with multi-touch gestures enabled. Taps enabled as default

SOFTWARE AND SECURITY

Store up to 100 GB with Google Drive (2-year subscription included)¹⁵
HP Classroom Manager

Security Management

H1 Security IC
Nano Security lock slot¹⁶

15. Google Drive offer is tied to this device and is non-transferable. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OS™ 23 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: <https://support.google.com/chromebook/answer/2703646?hl=en>

16. Lock must be purchased separately.

Features

POWER

Power Supply

45 W USB Type-C™ straight type AC adapter

Primary Battery

HP Long Life 2-cell, 47.36 Wh Li-ion¹⁷

Battery Life

13 hrs (non-touch)

11 hrs (touch)

Power Cord

Minimum 2.6M length USB-C™/power cord

17. Battery is internal and not replaceable by customer. Serviceable by warranty.

WEIGHTS & DIMENSIONS

Weight

Starting at 2.27 lb¹⁸

Starting at 1.24 kg¹⁸

Dimensions (w x d x h)

12.04 x 8.18 x 0.71 in

30.6 x 20.8 x 1.8 cm

18. Weight will vary by configuration.

PORTS/SLOTS

Ports

2 USB 3.1 Type-C™ Gen 1 (Supports Power Delivery + DisplayPort™)

2 USB 3.1 Gen 1 (Sleep and Charge support)

1 Headphone/microphone combo jack

Expansion Slots

1 micro SD (multi-format digital media reader)

Supports SD, SDHC, SDXC

Features

ENVIRONMENTAL & INDUSTRY

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® • EPEAT[®] Gold registered in the United States. See http://www.epeat.net for registration status in your country. Search keyword <i>generator</i> on HP's 3rd party option store for solar energy accessory at http://www.hp.com/go/options 		
	System Configuration	The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a "Typically Configured Notebook".		
	Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation (Short idle)	3.75 W	3.72 W	3.78 W
	Normal Operation (Long idle)	1.50 W	1.48 W	1.44 W
	Sleep	1.09 W	1.11 W	1.09 W
	Off	0.55 W	0.57 W	0.56 W
	Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation (Short idle)	13 BTU/hr	13 BTU/hr	13 BTU/hr
	Normal Operation (Long idle)	5 BTU/hr	5 BTU/hr	5 BTU/hr
	Sleep	4 BTU/hr	4 BTU/hr	4 BTU/hr
Off	2 BTU/hr	2 BTU/hr	2 BTU/hr	

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.

Features

	<p>*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.</p>		
Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)	Sound Power (L _{WAd} , bels)	Sound Pressure (L _{pAm} , decibels)	
Typically Configured – Idle	2.7	16	
Fixed Disk – Random writes	2.8	17	
Longevity and Upgrading	<p>"This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include:</p> <p>Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.</p>		
Batteries	<p>"This battery(s) in this product comply with EU Directive 2006/66/EC</p> <p>Batteries used in the product do not contain: Mercury greater the 1ppm by weight Cadmium greater than 20ppm by weight</p> <p>Battery size: CR2032 (coin cell) Battery type: Lithium</p> <p>Battery size: CR2032 (coin cell) Battery type: Lithium"</p>		
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 contains 0% post-consumer recycled plastic (by wt.) • This product is 94.4% recycle-able when properly disposed of at end of life. 		
Packaging Materials	External:	PAPER/Corrugated	225 g
		PAPER/Paper	40 g
	Internal:	PLASTIC/Polyethylene Expanded - EPE	31 g
		PLASTIC/Polyethylene low density – LDPE	7 g
The plastic packaging material contains at least 50% recycled content.			

Features

		<p>The corrugated paper packaging materials contains at least 75% recycled content.</p>
	<p>Material Usage</p>	<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 http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf):</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 • 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, has been voluntarily removed from most applications. • Radioactive Substances • Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
	<p>Packaging Usage</p>	<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.
	<p>End-of-life Management and Recycling</p>	<p>Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office.</p>

Features

		<p>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: http://www.hp.com/go/recyclers. 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>
	<p>HP, Inc. Corporate Environmental Information</p>	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</p> <p>Eco-label certifications http://www8.hp.com/us/en/hp-information/environment/ecolabels.html</p> <p>ISO 14001 certificates: http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</p>

SERVICE AND SUPPORT

HP Services offers a 1-year limited warranties and 90 day support options depending on country. Batteries have a default one year limited warranty. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc>.¹⁹

¹⁹ .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 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.

Technical Specifications

DISPLAYS

11.6 inches HD AG WLED UWVA 45% NTSC 220 nits eDP Slim

Active Area	256.125 x 144 mm
Weight	210g max
Diagonal Size	11.6 (inch)
Thickness	eDP1.2
Interface	Anti-glare (AG)
Surface Treatment	AG
Touch Enabled	None
Contrast Ratio	400:1 (typical)
Refresh Rate	60Hz
Brightness	220 nit typical (panel only)
Pixel Resolution	1366x768 (HD)
Format of LCD Pixel Arrangement	RGB
Backlight	LED
Color Gamut Coverage	45% of NTSC
Color Depth	6 bits

11.6 inches HD AG WLED SVA 45% NTSC 220 nits eDP Slim

Outline Dimensions (W x H x D)	278.5 x 168.5 mm(max)
Active Area	256.125 x 144 mm
Weight	210g max
Diagonal Size	11.6 (inch)
Thickness	eDP1.2
Interface	Anti-glare (AG)
Surface Treatment	AG
Touch Enabled	None
Contrast Ratio	400:1 (typical)
Refresh Rate	60Hz
Brightness	220 nit typical (panel only)
Pixel Resolution	1366x768 (HD)
Format of LCD Pixel Arrangement	RGB
Backlight	LED
Color Gamut Coverage	45% of NTSC
Color Depth	6 bits

11.6 inches HD (1366x768) BrightView WLED UWVA 50% NTSC 220 nits eDP 1.2 w/o PSR slim TOP

Outline Dimensions (W x H x D)	278.5 x 168.5 mm(max)
Active Area	256.125 x 144 mm
Weight	200g max
Diagonal Size	11.6 (inch)

Technical Specifications

Thickness	3.0 mm for body, 3.2 mm for PCBA (max)
Interface	eDP1.2
Surface Treatment	Glare (BV)
Touch Enabled	Yes
Contrast Ratio	800:1 (typical)
Refresh Rate	60Hz
Brightness	220 nit typical (panel only)
Pixel Resolution	1366x768 (HD)
Format of LCD Pixel Arrangement	RGB
Backlight	LED
Color Gamut Coverage	50% of NTSC
Color Depth	6 bits

Technical Specifications

NETWORKING

Intel® Dual Band Wireless-AC 7265 802.11 ac (2x2) WiFi + Bluetooth® 4.2 Combo(non-vPro, Non-UNII D1)

Wireless LAN Standards	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac
Frequency Band	802.11b/g/n • 2.402 – 2.482 GHz 802.11a/n • 4.9 – 4.95 GHz (Japan) • 5.15 – 5.25 GHz • 5.25 – 5.35 GHz • 5.47 – 5.725 GHz • 5.825 – 5.850 GHz
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: MCS 0 ~ MCS 15, (20MHz, and 40MHz) • 802.11ac : MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, and 80MHz)
Modulation	Direct Sequence Spread Spectrum BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM
Security	• IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only • AES-CCMP: 128 bit in hardware • 802.1x authentication • WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES. • WPA2 certification • IEEE 802.11i • Cisco Certified Extensions, all versions through CCX4 and CCX Lite • WAPI
Network Architecture	Ad-hoc (Peer to Peer)
Models	Infrastructure (Access Point Required)
Roaming	IEEE 802.11 compliant roaming between access points
Output Power	• 802.11b : +14dBm minimum • 802.11g : +12dBm minimum • 802.11a : +12dBm minimum • 802.11n HT20(2.4GHz) : +12dBm minimum • 802.11n HT40(2.4GHz) : +12dBm minimum • 802.11n HT20(5GHz) : +10dBm minimum • 802.11n HT40(5GHz) : +10dBm minimum • 802.11ac VHT80(5GHz) : +10dBm minimum
Power Consumption	• Transmit mode 2.0 W • Receive mode 1.6 W • Idle mode (PSP) 180 mW (WLAN Associated) • Idle mode 50 mW (WLAN unassociated) • Connected Standby 10mW • Radio disabled 8 mW
Power Management	ACPI and PCI Express compliant power management

Technical Specifications

Receiver Sensitivity	802.11 compliant power saving mode 802.11b, 1Mbps : -93.5dBm maximum 802.11b, 11Mbps : -84dBm maximum 802.11a/g, 6Mbps : -86dBm maximum 802.11a/g, 54Mbps : -72dBm maximum 802.11n, MCS07 : -67dBm maximum 802.11n, MCS15 : -64dBm maximum 802.11ac, MCS0 : -84dBm maximum 802.11ac, MCS9 : -59dBm 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 +/- 9%
Temperature	Operating: 14° to 158° F (-10° to 70° C) Non-operating: -40° to 176° F (-40° to 80° C)
Humidity	Operating 10% to 90% (non-condensing) Non-operating 5% to 95% (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 0 to 10,000 ft (3,048 m) OFF; LED White – Radio 0 to 50,000 ft (15,240 m) ON

HP Integrated Module with Bluetooth 4.0/4.1/4.2 Wireless Technology

Bluetooth Specification	4.0/4.1/4.2 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 II Bluetooth device with a maximum transmit power of + 4 dBm for BR and EDR.
Power Consumption	Peak (Tx) 330 mW Peak (Rx) 230 mW Selective Suspend 17 mW
Electrical Interface	USB 2.0 compliant
Bluetooth Software Supported Link Topology	Microsoft Windows Bluetooth Software

Technical Specifications

Power Management	Microsoft Windows ACPI, and USB Bus Support
Certifications	FCC (47 CFR) Part 15C, Section 15.247 & 15.249
Power Management	ETS 300 328, ETS 300 826
Certifications	Low Voltage Directive IEC950
Bluetooth Profiles	UL, CSA, and CE Mark
Supported	BT4.1-ESR 5/6/7 Compliance
	LE Link Layer Ping
	LE Dual Mode
	LE Link Layer
	LE Low Duty Cycle Directed Advertising
	LE L2CAP Connection Oriented Channels
	Train Nudging & Interlaced Scan
	BT4.2 ESR08 Compliance
	LE Secure Connection- Basic/Full
	LE Privacy 1.2 –Link Layer Privacy
	LE Privacy 1.2 –Extended Scanner Filter Policies
	LE Data Packet Length Extension
	FAX Profile (FAX)
	Basic Imaging Profile (BIP)2
	Headset Profile (HSP)
	Hands Free Profile (HFP)
	Advanced Audio Distribution Profile (A2DP)

Technical Specifications

POWER

HP 45W USB-C AC adapter

Dimensions 94.0mm*40.0mm*26.5mm

Weight 192.5g +/-10%

		100 to 240 VAC
		Average Efficiency of 25%, 50%, 75%, 100% load condition with 115Vac/230Vac
		Spec:
Input	Input Efficiency	5V : 81.5%
		9V: 86.7
		12V : 87.8%
		15V : 87.8%
	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	5ms at 115 Vac input
	Output current limit	<5.0A
	Connector	USB Type-C
	Operating temperature	32°F to 95°F (0°C to 35°C)
	Non-operating (storage) temperature	-4°F to 185°F (-20°C to 85°C)
Environmental Design	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, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.
 * MTBF - over 200,000 hours at 25°C ambient condition

COUNTRY OF ORIGIN

China

Options and Accessories (sold separately and availability may vary by country)

Type	Description	Part number
Cases	HP Black 11.6 Always On Case	H5M90AA
	HP Essential Backpack	F3W15AA
	HP Essential Top Load Case	H2W17AA#xxx
Docking	HP USB-C Universal Dock	1MK33AA
	HP USB-C Mini Dock	1PM64AA
	HP Elite USB-C Dock G3	Z9R42AA
	HP USB-C to USB HUB	Z6A00AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB-C to DP	N9K78AA
	HP USB-C to RJ45 Adapter	V7W66AA
	HP USB Optical Travel mouse	G1K28AA
Input/Output	HP Essential USB Mouse	2TX37AA
	HP Stereo USB Headset	T1A67AA
	HP Stereo 3.5mm Headset	T1A66AA
	HP Notebook USB-C Power Bank	2NA10AA
Power	HP 45W USB-C G2 Power Adapter	1MZ01AA#ABA
Storage	HP External USB Optical Drive	F2B56AA
Security	HP Nano Keyed Cable Lock	1AJ39AA
Displays	HP ProDisplay P240va 23.8 inch Monitor	N3H14AA
	HP ProDisplay P232 23 inch Monitor	K7X31AA
	HP EliteDisplay E223 21.5 inch Monitor	1FH45AA

Summary of Changes

Date of change	Version History	Change	Description of change
December 21, 2017	V1 to V2	Changed	Power cord length changed to 2.6m
January 9, 2018	V2 to V3	Added	OPTIONAL Full-size island-style, backlit, spill and pick resistant keyboard
January 16, 2018	V3 to V4	Added	Battery Life
February 14, 2018	V4 to V5	Updated	Display section updated
February 23, 2018	V5 to V6	Updated	11.6" IPS panel added to displays section
May 8, 2018	V6 to V7	Added	Environmental tab
June 25, 2018	V7 to V8	Updated	Dimensions
November 7, 2018	V8 to V9	Removed	Viewing angle from displays section
July 29, 2019	V9 to V10	Updated	Ports Section

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