

### Overview

### HP Fortis 14 inch G10 Chromebook



#### Left

- |                      |   |
|----------------------|---|
| 1. Microphones (2)   | 6. SIM Card Tray (Optional)                                   |
| 2. Webcam            | 7. SuperSpeed USB Type-A 5Gbps signaling rate (USB 3.2 Gen 1) |
| 3. HP Privacy Camera | 8. HDMI v1.4  |
| 4. Webcam LED        | 9. Nano Lock slot (Lock sold separately.)                     |
| 5. Touchpad          |   |

### Overview



#### Right

1. Power button
2. SuperSpeed USB Type-A 5Gbps signaling rate (USB 3.2 Gen 1)
3. Stereo Headphone/Microphone Combo Jack
4. SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2)
5. Micro SD Memory Card Reader

### Overview

#### AT A GLANCE

- Support up to Intel® Pentium® processor
- Stay connected with the optional embedded CAT9 WWAN 4G LTE
- Co-molded rubber contact points, strengthened corners around the display, and a reinforced 180° hinge reduce stress on the device caused by students gripping it by the lid <sup>1</sup>
- Intel® Wi-Fi 6 AX 2x2 WLAN with MU-MIMO and HP Extended Range Wireless Lan for stable connection in dense environment
- Choice of up to 8GB memory and 128GB eMMC storage
- 180 degree hinge and optional IPS anti-glare touchscreen for collaboration
- HP Privacy Camera
- Long battery life up to 12 hours<sup>2</sup> and spend less time charging with HP Fast Charge technology
- One HDMI port to connect to displays and projectors without dongle
- Give all your digital content new dimension and fully engage in advanced apps with the large 14-inch diagonal display.
- Front-facing 720p HD camera with 88-degree wide viewing angle comes with two microphones
- The full-skirted anchored keyboard resists keycap picking and spills up to 350 ml (11.8 oz)—reducing risk of damage.
- Wipe-ability for cleaning with common household cleaning wipes <sup>3</sup>
- Easily maintain and upgrade your Chromebook with simplified access to internal components through the bottom cover
- Undergoes MIL-STD 810H tests and additional drop tests with 76cm drop on concrete and 122cm drop on plywood<sup>4</sup>

1. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

2. Testing conducted by HP using Google Chrome OS power\_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage and battery optimization activation. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details. Battery configuration and charge capacity is optimized to improve battery health over time based upon charging patterns and temperature.

3. The chassis, ports, keyboards, and displays the HP Chromebook x360 11 G4 EE, HP Chromebook x360 11MK G3 EE, HP Chromebook 11 G9 EE, HP Chromebook 11MK G9 EE, HP Chromebook 14 G7, HP Fortis 14" G10 Chromebook, and the HP ProBook x360 11 G7 EE have been tested to 1,000 wipes with Windex® Original Glass & Surface Wipes and Clorox® Disinfecting Wipes with EPA Registration Number 5813-79. See user guide for cleaning instructions.

4. MIL-STD-810H testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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

### Technical Specifications

#### PRODUCT NAME

HP Fortis 14 inch G10 Chromebook

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#### OPERATING SYSTEM

**Preinstalled** Chrome OS

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#### PROCESSORS

Intel® Pentium® Silver N6000 with Intel® UHD Graphics (up to 3.30 GHz, 4 MB cache, 4 cores, 4 threads) <sup>1,2</sup>

Intel® Celeron® N5100 with Intel® UHD Graphics (up to 2.80 GHz, 4 MB cache, 4 cores, 4 threads) <sup>1,2</sup>

Intel® Celeron® N4500 with Intel® UHD Graphics (up to 2.80 GHz, 4 MB cache, 2 cores, 2 threads) <sup>1,2</sup>

##### Processor Family

Intel® Pentium® processor (N6000)

Intel® Celeron® processor (N5100, N4500)

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. Intel'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.
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#### CHIPSET

Chipset is integrated with processor

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#### GRAPHICS

##### Integrated

Intel® UHD Graphics <sup>3</sup>

##### Supports

Support HD decode, DX12, HDMI

3. HD content required to view HD images.
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### Technical Specifications

#### DISPLAY

##### Non-Touch

35.6 cm (14") diagonal, HD (1366 x 768), SVA, anti-glare, 250 nits, 45% NTSC <sup>3,4,5</sup>

35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC <sup>3,4,5</sup>

##### Touch

35.6 cm (14") diagonal, HD (1366 x 768), touch, SVA, anti-glare, 250 nits, 45% NTSC <sup>3,4,5,6</sup>

35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC <sup>3,4,5,6</sup>

##### Display Size (Diagonal)

14"

35.56 cm (14")

3. FHD/HD content required to view FHD/HD images.

4. Sold separately or as an optional feature.

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

6. Actual brightness will be lower with touchscreen or HP Sure View

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#### DOCKING (Sold Separately)

**Docking station model #1**

HP Thunderbolt Dock G2

**Docking station model #2**

HP USB-C Dock G5

**Docking station model #3**

HP USB-C/A Universal Dock G2

For additional aftermarket options and docking specs please see page 27.

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#### STORAGE AND DRIVES

##### Primary Storage

128 GB eMMC 5.0 <sup>7</sup>

64 GB eMMC 5.0 <sup>7</sup>

32 GB eMMC 5.0 <sup>7</sup>

7. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 18.3 GB is not user available.

### Technical Specifications

#### MEMORY

**Maximum Memory**

8 GB LPDDR4X -4266 SDRAM

**Memory**

8 GB LPDDR4X -4266 SDRAM

4 GB LPDDR4X -4266 SDRAM

**Memory Slots**

Memory soldered on board

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#### NETWORKING/COMMUNICATIONS

**WLAN**

Intel® Wi-Fi CERTIFIED® 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro® 8

MU-MIMO supported

HP Extended Range WLAN supported

**WWAN**

Intel® XMM™ 7360 LTE-Advanced Cat 9<sup>9</sup>

**Chromecast**

Chromecast Support <sup>10</sup>

8. 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.

9. LTE module is optional, must be configured at the factory, requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

10. Chromecast must be purchased separately.

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### Technical Specifications

#### AUDIO/MULTIMEDIA

##### Audio

HD audio

Integrated dual array microphone

2 Integrated stereo speakers

##### Speaker Power

2W Per speaker

##### Camera

720p HD camera <sup>3</sup>

HP Privacy Camera

[3. HD content required to view HD images.](#)

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#### 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
	Forward
	Reload
	Full screen
	Display apps
	Brightness down
	Brightness up
	Mute
	Volume down
	Volume up

### Technical Specifications

#### SOFTWARE AND SECURITY

##### Preinstalled Software

HP Classroom Manager (Sold Separately) <sup>11</sup>

##### Manageability Features

Chrome Education Upgrade <sup>12,13</sup>

**NOTE:** To enhance brightness, level go to the Intel® Graphics Command Center app, click on System and turn off the Display Power Savings function.

##### Security Management

Titan C security chip

Nano lock slot (Lock sold separately) <sup>12</sup>

Zero-Touch Enrollment capable

##### IPv6 Support

Yes

**Is the BIOS on this Chromebook ISO19678 compliant?** Yes

11. HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.

12. Sold separately.

13. 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>.

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#### POWER

##### Power Supply

HP Smart 45 W USB Type-C® adapter

##### Battery

HP Long Life 2-cell, 47 Wh Li-ion polymer <sup>14,15</sup>

HP Fast Charge Technology (90% in 90 minutes) <sup>16</sup>

##### Power Cord

3-wire plug - 1 m

##### Battery Life

Up to 12 hours<sup>17</sup>

##### Battery Weight

0.42 lb

190 g

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

### Technical Specifications

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

16. Recharges up to 90% within 90 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

17. Testing conducted by HP using Google Chrome OS power\_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage and battery optimization activation. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details. Battery configuration and charge capacity is optimized to improve battery health over time based upon charging patterns and temperature.

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### WEIGHTS & DIMENSIONS

#### Product Weight

Starting at 3.61 lb <sup>18</sup>

Starting at 1.64 kg <sup>18</sup>

#### Product Dimensions (W x D x H)

13.06 x 9.07 x 0.82 in

33.19 x 23.05 x 2.09 cm

18. Weight will vary by configuration.

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### PORTS/SLOTS

1 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2)

2 SuperSpeed USB Type-A 5Gbps signaling rate (USB 3.2 Gen 1)

1 Headphone/microphone combo jack

1 HDMI v1.4

#### Expansion Slots

1 Micro SD multi-format digital media reader

Supports SD, SDHC, SDXC

### Technical Specifications

#### 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>.<sup>19</sup>

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 <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.

### Technical Specifications

#### SYSTEM UNIT

<b>Stand-Alone Power Requirements (AC Power)</b>	45W adapter with USB type C connector
Nominal Operating Voltage	15V
Average Operating Power	<4.3w with PLT test
Integrated graphics	Intel UHD Graphics 16EUs/24EUs/32EUs
Discrete Graphics	N/A
Max Operating Power	< 45W
<b>Temperature</b>	
Operating	41° to 95° F (5° to 35° C)
Non-operating	-4° to 140° F (-20° to 60° C)
<b>Relative Humidity</b>	
Operating	10% to 90%
Non-operating	5% to 95%
<b>Shock</b>	
Operating	40 G, 2 ms, half-sine
Non-operating	240 G, 2 ms, half-sine
<b>Random Vibration</b>	
Operating	1.043 grms
Non-operating	3.5 grms
<b>Altitude (unpressurized)</b>	
Operating	-50 to 10,000 ft (-15 to 3,048 m)
Non-operating	-50 to 40,000 ft (-15 to 12,192 m)
<b>Planned Industry Standard Certifications</b>	
Regulatory Model Number	TPN-Q271
UL	Yes
CSA	No
FCC Compliance	Yes
ENERGY STAR®	Yes, ENERGY STAR® 8.0 <sup>20</sup>
EPEAT	Yes, EPEAT Gold in the United States <sup>21</sup>
ICES	Yes
Australia /	Yes
NZ RCM Compliance	Yes
CCC	No
Japan VCCI Compliance	Yes
KC	Yes
BSMI	Yes
CE Marking Compliance	Yes
BNCI or BELUS	No
CIT	Yes
EAC	Yes
Saudi Arabian Compliance (ICCP)	Yes
SABS	Yes
UKRSERTCOMPUTER	No

<sup>20</sup>. Configurations of the HP Fortis 14 G10 Chromebook that are ENERGY STAR® qualified are identified as HP Fortis 14 G10 Chromebook ENERGY STAR on HP websites and on <http://www.energystar.gov>.

<sup>21</sup>. 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.

### Technical Specifications

#### DISPLAYS

1. Actual brightness will be lower with touchscreen or sure view.

Note: all specifications represent the typical specifications provided by hp's component manufacturers; actual performance may vary either higher or lower.

<b>Panel LCD 14-in FHD (1920 x 1080) Anti-Glare WLED UWVA 45percent cg 250nits eDP NWBZ slim</b>	<b>Outline Dimensions (W x H x D)</b> <b>Active Area</b> <b>Weight</b> <b>Diagonal Size</b> <b>Thickness</b> <b>Interface</b> <b>Surface Treatment</b> <b>Touch Enabled</b> <b>Contrast Ratio</b> <b>Refresh Rate</b> <b>Brightness</b> <b>Pixel Resolution-Format</b> <b>Backlight</b> <b>Pixel Resolution - Configuration</b> <b>Color Gamut Coverage</b> <b>Color Depth</b> <b>Viewing Angle</b> <b>Low Blue Light</b> <b>Power Consumption (W, EBL@ 150nits max/ 200nits max)</b>	316.17 x 197.98 max. 309.37 x 174.02 <285g max. 14.0" 3.0mm max. eDP 1.2 Anti-glare (AG) No 600:1 (typ) 60Hz 250nit typ. 1920 x 1080 (FHD) RGB LED 45% 6bit UWVA 85/85/85/85 No <2.52W max./ No define
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<b>Panel LCD 14-in FHD (1920 x 1080) Anti-Glare WLED UWVA 45percent cg 250nits eDP TOP NWBZ slim</b>	<b>Outline Dimensions (W x H x D)</b> <b>Active Area</b> <b>Weight</b> <b>Diagonal Size</b> <b>Thickness</b> <b>Interface</b> <b>Surface Treatment</b> <b>Touch Enabled</b> <b>Contrast Ratio</b> <b>Refresh Rate</b> <b>Brightness <sup>1</sup></b> <b>Pixel Resolution-Format</b> <b>Backlight</b> <b>Pixel Resolution - Configuration</b> <b>Color Gamut Coverage</b> <b>Color Depth</b> <b>Viewing Angle</b> <b>Low Blue Light</b>	316.17 x 198.07 max. 309.37 x 174.02 <290g max. 14.0" 3.0mm (Panel Side) / 3.2mm (PCBA Side) max. eDP 1.2 Anti-glare (AG) Yes 600:1 (typ) - AG 60Hz 250 nits typ. 1920 x 1080 (FHD) RGB LED 45% 6bit UWVA 85/85/85/85 No
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### Technical Specifications

**Power Consumption (W, EBL@ 150nits max/ 200nits max)** <2.67W max./ No define

<b>Panel LCD 14-in HD (1366 x 768) Anti-Glare WLED SVA 45percent cg 250nits eDP 1.2 w/o PSR TOP NWBZ flat</b>	<b>Outline Dimensions (W x H x D)</b>	315.9 x 197.54 max
	<b>Active Area</b>	309.4 x 173.95
	<b>Weight</b>	290g Max
	<b>Diagonal Size</b>	14."
	<b>Thickness</b>	3.0mm (Panel Side) / 3.2mm (PCBA Side) max.
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	Yes <sup>1</sup>
	<b>Contrast Ratio</b>	400:1 (Typ) - AG
	<b>Refresh Rate</b>	60Hz
	<b>Brightness</b>	250nits
	<b>Pixel Resolution-Format</b>	1366 x 768 (HD)
	<b>Backlight</b>	RGB
	<b>Pixel Resolution - Configuration</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6 bits
	<b>Viewing Angle</b>	SVA 45/45/15/30
<b>Low Blue Light</b>	No	
<b>Power Consumption (W, EBL@ 150nits max/ 200nits max)</b>	<2.44W max./ <3.02W max	

<b>Panel LCD 14-in HD (1366 x 768) Anti-Glare WLED SVA 45percent cg 250nits eDP NWBZ ultraslim</b>	<b>Outline Dimensions (W x H x D)</b>	315.9+/-0.3 x 197.54 +/- 0.5
	<b>Active Area</b>	309.4 x 173.95
	<b>Weight</b>	285g Max
	<b>Diagonal Size</b>	14."
	<b>Thickness</b>	3.0mm max
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	No
	<b>Contrast Ratio</b>	300:1 (typ) - AG
	<b>Refresh Rate</b>	60Hz
	<b>Brightness</b>	250nits
	<b>Pixel Resolution-Format</b>	1366 x 768 (HD)
	<b>Backlight</b>	RGB
	<b>Pixel Resolution - Configuration</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6 bits
	<b>Viewing Angle</b>	SVA 45/45/15/30
<b>Low Blue Light</b>	No	

### Technical Specifications

**Power Consumption (W, EBL@  
150nits max/ 200nits max)**

<2.52W max./ <2.86W max.

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### Technical Specifications

#### STORAGE AND DRIVES

For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 18.3 GB is not user available

<b>eMMC 5.0</b>	<b>Drive Weight</b>	0.2g
	<b>Rotation speed</b>	32GB/64GB/128GB
	<b>Cache Buffer</b>	1.4mm
	<b>Height</b>	11.5x13mm
	<b>Width</b>	MMC protocol
	<b>Interface</b>	MMC protocol
	<b>Transfer Rate</b>	Up to 250 MB/s
	<b>Seek Time</b>	Up to 70 MB/s
	<b>Logical Blocks</b>	32GB (31,268,536,320 Bytes)/64GB (62,537,072,640 Bytes)/128GB (125,074,145,280)
	<b>Operating Temperature</b>	0 to 70
	<b>Security Features</b>	HS400
	<b>Features</b>	N/A

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### Technical Specifications

#### NETWORKING

<b>Intel® Wi-Fi 6 AX201 + Bluetooth® 5 (802.11ax 2x2, non-vPro®, supporting gigabit file transfer speeds) <sup>1,5</sup> non-vPro®</b>	<b>Wireless LAN Standards</b>	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
	<b>Interoperability</b>	Wi-Fi certified
	<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>•802.11b/g/n/ax 2.402 – 2.482 GHz</li> <li>•802.11a/n/ac/ax 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</li> </ul>
	<b>Data Rates</b>	<ul style="list-style-type: none"> <li>• 802.11b: 1, 2, 5.5, 11 Mbps</li> <li>• 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</li> <li>• 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</li> <li>• 802.11n: max 300Mbps</li> <li>• 802.11ac : 1733Mbps</li> <li>• 802.11ax : max 2.4Gbps</li> </ul>
	<b>Modulation</b>	Direct Sequence Spread Spectrum OFDM, BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024QAM
	<b>Security<sup>3</sup></b>	IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only AES-CCMP: 128 bit in hardware 802.1x authentication WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES. WPA2 certification WPA3 certification IEEE 802.11i WAPI
	<b>Network Architecture Models</b>	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
	<b>Roaming</b>	IEEE 802.11 compliant roaming between access points
	<b>Output Power<sup>2</sup></b>	<ul style="list-style-type: none"> <li>• 802.11b : +17dBm minimum</li> <li>• 802.11g : +16dBm minimum</li> <li>• 802.11a : +17dBm minimum</li> <li>• 802.11n HT20(2.4GHz) : +14dBm minimum</li> <li>• 802.11n HT40(2.4GHz) : +13dBm minimum</li> <li>• 802.11n HT20(5GHz) : +14dBm minimum</li> </ul>

### Technical Specifications

- 802.11n HT40(5GHz) : +13dBm minimum
- 802.11ac VHT80(5GHz) : +10dBm minimum
- 802.11ac VHT160(5GHz) : +10dBm minimum
- 802.11ax HE40(2.4GHz) : +12dBm minimum
- 802.11ax HE80(5GHz) : +10dBm minimum
- 802.11ax HE160(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  
802.11 compliant power saving mode

#### Receiver Sensitivity<sup>4</sup>

- 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(VHT80) : -84dBm maximum
- 802.11ac, MCS9(VHT80) : -59dBm maximum
- 802.11ac, MCS9(VHT160) : -58.5dBm maximum
- 802.11ax, MCS11(HE40): -57dBm maximum
- 802.11ax, MCS11(HE80): -54dBm maximum
- 802.11ax, MCS11(HE160): -53.5dBm 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 with CNVi Interface

#### Dimensions

1. Type 2230 : 2.3 x 22.0 x 30.0 mm
2. Type 1216: 1.67 x 12.0 x 16.0 mm

#### Weight

1. Type 2230 : 2.8g
2. Type 126: 1.3g

#### 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 OFF; LED Off – Radio ON

#### HP Integrated Module with Bluetooth 4.0/4.1/4.2/5.0/5.1/5.2 Compliant Wireless Technology

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

**Frequency Band** 2402 to 2480 MHz

### Technical Specifications

<b>Number of Available Channels</b>	Legacy: 0~79 (1 MHz/CH) BLE: 0~39 (2 MHz/CH)
<b>Data Rates and Throughput</b>	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)"
<b>Transmit Power</b>	The Bluetooth component shall operate as a Class II Bluetooth device with a maximum transmit power of + 9.5 dBm for BR and EDR.

1. 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. Only available in countries where 802.11ax is supported.
2. 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.
3. Check latest software/driver release for updates on supported security features.
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).
5. Wi-Fi 5 or 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.

### Technical Specifications

<b>Intel® XMM™ 7360 LTE-Advanced CAT9<sup>1</sup></b>	<b>Technology/Operating bands</b>	<p>FDD LTE: 2100 (Band 1), 1900 (Band 2), 1800 (Band 3), 1700/2100 (Band 4), 850 (Band 5), 2600 (Band 7), 900 (Band 8), 1400 (Band 11), 700 (Band 12 lower), 700 (Band 13 upper), 700 (Band 17 lower), 850 (Band 18 lower), 850 (Band 19 upper), 800 (Band 20), 1400 (Band 21), 850 (Band 26), 700 (Band 28), 700 (Band 29 RX only), 2300 (Band 30), 1700/2100 (Band 66).</p> <p>TDD LTE: 2600 (Band 38), 1900 (Band 39), 2400 (Band 40), 2500 (Band 41). HSPA+: 2100 (Band 1), 1900 (Band 2), 1700/2100 (Band 4), 850 (Band 5), 900 (Band 8) MHz</p>
	<b>Wireless protocol standards</b>	3GPP Release 11 LTE Specification CAT.9, DL 60MHz BW throughput up to 450Mbps; UL 20MHz throughput up to 50Mbps WCDMA R99, 3GPP Release 5, 6, 7 and 8 UMTS Specification
	<b>GPS</b>	Standalone, A-GPS (MS-A, MS-B)
	<b>GPS bands</b>	1575.42 MHz ± 1.023 MHz, GLONASS 1596-1607MHz, Beidou 1561.098 MHz
	<b>Maximum data rates</b>	LTE: 450 Mbps (Download), 50 Mbps (Upload) DC-HSPA+: 42 Mbps (Download), 5.76 Mbps (Upload) HSPA+: 21Mbps (Download), 5.76 Mbps (Upload)
	<b>Maximum output power</b>	LTE: 23 dBm HSPA+: 23.5 dBm
	<b>Maximum power consumption</b>	LTE: 1,200 mA (peak); 900 mA (average) HSPA+: 1,100 mA (peak); 800 mA (average)
	<b>Form Factor</b>	M.2, 3042-S3 Key B
	<b>Weight</b>	5.8 g
	<b>Dimensions (Length x Width x Thickness)</b>	42 x 30 x 2.3 mm

1. Mobile Broadband is an optional feature. Connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products or in all countries.

### Technical Specifications

#### POWER

<b>45W USB-C PD Adapter</b>	<b>Dimensions</b>	3.74 x 1.69 x 1.08in (9.5 x 4.3 x 2.75 cm)
	<b>Weight</b>	200g +/-10%
	<b>Input</b>	100 to 240 VAC
	<b>Input Efficiency</b>	Average Efficiency of 25%, 50%, 75%, 100% load condition with 115Vac/230Vac Spec: 5V : 81.5% 9V : 86.7% 12V : 87.41% 15V : 87.8%
	<b>Input frequency range</b>	47 ~ 63Hz
	<b>Input AC current</b>	Max. 1.4 A at 90 Vac
	<b>Output</b>	
	<b>Output power</b>	45W
	<b>DC output</b>	5V/15W 9V/27W 12V/36W 15V/45W
	<b>Hold-up time</b>	5ms at 115 Vac input
	<b>Output current limit</b>	<5.0A
	<b>Connector</b>	USB Type-C®
	<b>Operating temperature</b>	32°F to 95°F (0° to 35°C)
	<b>Non-operating (storage) temperature</b>	-4°F to 185°F (-20° to 85°C)
	<b>Altitude</b>	0 to 16,400 ft (0 to 5000m)
	<b>Humidity</b>	20% to 95%
	<b>Storage Humidity</b>	10% to 95%
	<b>EMI and Safety Certifications</b>	Eg: * CE Mark - full compliance with LVD and EMC directives * Worldwide safety standards -IEC60950, EN60950, UL60950, UL62368, 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.

### Technical Specifications

<b>HP 2-cell Long Life Li-Ion (47 Wh)</b>	<b>Dimensions (H x W x L)</b>	5.2 x 240.8 x 76.4 mm (0.204 x 9.48 x 3 inch)
	<b>Weight</b>	0.192 kg (0.42 lb)
	<b>Cells/Type</b>	2cell Lithium-Ion Polymer cell / 4473A9
	<b>Energy</b>	
	<b>Voltage</b>	8.8V
	<b>Amp-hour capacity</b>	6.150 Ah
	<b>Watt-hour capacity</b>	47.3 Wh
	<b>Temperature</b>	
	<b>Operating (Charging)</b>	32° to 113° F (0° to 45° C)
	<b>Operating (Discharging)</b>	14° to 122° F (-10° to 60° C)
	<b>Fuel Gauge LED</b>	NA
	<b>Warranty</b>	1-year
	<b>Optional Travel Battery Available</b>	No

### Technical Specifications

#### AUDIO

<b>HD Stereo Codec</b>	Realtek ALC5682 -VD or ALC5682I-VS
<b>Audio I/O Ports</b>	Headset connector supports both CTIA and OMTP style headset
<b>Internal Speaker Amplifier</b>	Maxim MAX98360D x 2, up to 3W class-D mono amplifier
<b>Multi-streaming Capable</b>	Follow ChromeOS behavior
<b>Sampling</b>	Follow ChromeOS behavior
<b>Wavetable Syntheses</b>	N/A
<b>Analog Audio</b>	Stereo headphone out by 3.5mm audio jack only
<b># of Channels on Line-Out</b>	Line-out was not supported
<b>Internal Speaker</b>	Yes

#### ENVIRONMENTAL DATA

<b>Eco-Label Certifications &amp; declarations</b>	<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"> <li>• IT ECO declaration</li> <li>• US ENERGY STAR®</li> <li>• US Federal Energy Management Program (FEMP)</li> <li>• EPEAT<sup>a</sup> Gold registered in the United States. See <a href="http://www.epeat.net">http://www.epeat.net</a> for registration status in your country.</li> <li>• TCO Certified</li> <li>• China Energy Conservation Program (CECP)</li> <li>• China State Environmental Protection Administration (SEPA)</li> <li>• Taiwan Green Mark</li> <li>• Korea Eco-label</li> <li>• Japan PC Green label*</li> </ul>		
<b>Sustainable Specifications</b>	<b>Impact</b>	<ul style="list-style-type: none"> <li>• Ocean-bound plastic in Speaker</li> <li>• 5% post-consumer recycled plastic</li> <li>• Low halogen</li> <li>• Outside Box and corrugated cushions are 100% sustainably sourced and recyclable</li> <li>• Molded Paper Pulp Cushion inside box is 100% sustainably sourced and recyclable</li> <li>• Bulk packaging available</li> </ul>	
<b>System Configuration</b>	The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a “Typically Configured Notebook”.		
<b>Energy Consumption (in accordance with US ENERGY STAR® test method)</b>	<b>115VAC, 60Hz</b>	<b>230VAC, 50Hz</b>	<b>100VAC, 50Hz</b>
Normal Operation (Sort idle)	4.512 W	4.500 W	4.452 W
Normal Operation (Long idle)	1.440 W	1.512 W	1.392 W
Sleep	0.324 W	0.360 W	0.336 W
Off	0.204 W	0.240 W	0.204 W

### Technical Specifications

	<p>Note:</p> <p>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>		
<b>Heat Dissipation*</b>	<b>115VAC, 60Hz</b>	<b>230VAC, 50Hz</b>	<b>100VAC, 50Hz</b>
Normal Operation (Short idle)	15.4 BTU/hr	15.4 BTU/hr	15.2 BTU/hr
Normal Operation (Long idle)	4.9 BTU/hr	5.2 BTU/hr	4.8 BTU/hr
Sleep	1.1 BTU/hr	1.2 BTU/hr	1.1 BTU/hr
Off	0.7 BTU/hr	0.8 BTU/hr	0.7 BTU/hr
	*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
<b>Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)</b>	Sound Power (L <sub>WAd</sub> , bels)	Sound Pressure (L <sub>pAm</sub> , decibels)	
Typically Configured – Idle	2.4	23.9	
Fixed Disk – Random writes	2.4	23.9	
Optical Drive – Sequential reads	-	-	
<b>Longevity and Upgrading</b>	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.		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC.</li> <li>• This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.</li> <li>• This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).</li> <li>• This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see <a href="http://www.epeat.net">www.epeat.net</a></li> <li>• Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.</li> <li>• This product is 95.7% recycle-able when properly disposed of at end of life.</li> </ul>		
<b>Packaging Materials</b>	<b>External:</b>	PAPER/Corrugated	230 g

### Technical Specifications

		PAPER/Paperboard	51 g
		PAPER/Molded Pulp	110 g
	<b>Internal:</b>	OTHER/Other	13 g
	The plastic packaging material contains at least 100% recycled content.		
	The corrugated paper packaging materials contains at least 35.6% recycled content.		
<b>RoHS Compliance</b>	<p>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.</p> <p>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.</p> <p>We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve.</p> <p>To obtain a copy of the HP RoHS Compliance Statement, see <a href="#">HP RoHS position statement</a>.</p>		
<b>Material Usage</b>	<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 <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html">http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html</a>):</p> <ul style="list-style-type: none"> <li>• Asbestos</li> <li>• Certain Azo Colorants</li> <li>• Certain Brominated Flame Retardants – may not be used as flame retardants in plastics</li> <li>• Cadmium</li> <li>• Chlorinated Hydrocarbons</li> <li>• Chlorinated Paraffins</li> <li>• Bis(2-Ethylhexyl) phthalate (DEHP)</li> <li>• Benzyl butyl phthalate (BBP)</li> <li>• Dibutyl phthalate (DBP)</li> <li>• Diisobutyl phthalate (DIBP)</li> <li>• Formaldehyde</li> <li>• Halogenated Diphenyl Methanes</li> <li>• Lead carbonates and sulfates</li> <li>• Lead and Lead compounds</li> <li>• Mercuric Oxide Batteries</li> <li>• Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.</li> <li>• Ozone Depleting Substances</li> <li>• Polybrominated Biphenyls (PBBs)</li> <li>• Polybrominated Biphenyl Ethers (PBBEs)</li> <li>• Polybrominated Biphenyl Oxides (PBBOs)</li> <li>• Polychlorinated Biphenyl (PCB)</li> </ul>		

### Technical Specifications

	<ul style="list-style-type: none"> <li>• Polychlorinated Terphenyls (PCT)</li> <li>• Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.</li> <li>• Radioactive Substances</li> <li>• Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)</li> </ul>
<b>Packaging Usage</b>	<p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> <li>• Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.</li> <li>• Eliminate the use of ozone-depleting substances (ODS) in packaging materials.</li> <li>• Design packaging materials for ease of disassembly.</li> <li>• Maximize the use of post-consumer recycled content materials in packaging materials.</li> <li>• Use readily recyclable packaging materials such as paper and corrugated materials.</li> <li>• Reduce size and weight of packages to improve transportation fuel efficiency.</li> <li>• Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.</li> </ul>
<b>End-of-life Management and Recycling</b>	<p>HP offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <a href="http://www.hp.com/go/reuse-recycle">http://www.hp.com/go/reuse-recycle</a> 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: <a href="http://www.hp.com/go/recyclers">http://www.hp.com/go/recyclers</a>. 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>
<b>HP, Inc. Corporate Environmental Information</b>	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report  <a href="http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html">http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</a></p> <p>Eco-label certifications  <a href="http://www8.hp.com/us/en/hp-information/environment/ecolabels.html">http://www8.hp.com/us/en/hp-information/environment/ecolabels.html</a></p> <p>ISO 14001 certificates:  <a href="http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842">http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842</a>  and  <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf">http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</a></p>
<b>footnotes</b>	<ul style="list-style-type: none"> <li>• Percentage of ocean-bound plastic contained in each component varies by product</li> <li>• Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.</li> <li>• External power supplies, WWAN modules, power cords, cables and peripherals excluded.</li> <li>• 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.</li> <li>• Fiber cushions made from 100% recycled wood fiber and organic materials.</li> </ul>

### Technical Specifications

#### **COUNTRY OF ORIGIN**

China

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

#### DOCKING (Sold Separately)

<b>Docking station model #1</b>	HP Thunderbolt Dock G2
<b>Total number of supported displays (incl.the notebook display)</b>	4
<b>Max.resolutions supported</b>	Dual 4K @30Hz or dual 4K UHD @ 60Hz is supported Dual 8K@ 60Hz for TB hosts or USB-C hosts DP 1.4 with DSC in high res mode 2xDP, 1xVGA, 1xTB, 1xUSB-C alt-mode
<b>Dock Connectors</b>	Thunderbolt Hosts:
<b>Technical limitations</b>	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.
<b>Docking station model #2</b>	HP USB-C Dock G5
<b>Total number of supported displays (incl.the notebook display)</b>	3
<b>Max.resolutions supported</b>	Dual 5K@ 30Hz + (1) 4K UHD (multi-function mode)
<b>Dock Connectors</b>	1xHDMI, 2xDP
<b>Technical limitations</b>	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.
<b>Docking station model #3</b>	HP USB-C/A Universal Dock G2
<b>Total number of supported displays (incl.the notebook display)</b>	3
<b>Max.resolutions supported</b>	Triple 4K UHD@ 60Hz 3840x2160
<b>Dock Connectors</b>	1xHDMI, 2xDP
<b>Technical limitations</b>	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

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

Category	Description	Part Number
<b>Audio/Video</b>	HP Wired USB-A Stereo Headset	428K6AA
	HP Wired 3.5mm Stereo Headset	428K7AA
	HP 955 4K Webcam	4C9Q3AA
<b>Cases</b>	HP Executive 14.1 Tote	6KD10AA
	HP Executive 15.6 Backpack	6KD07AA
	HP Executive 15.6 Top Load	6KD06AA
	HP Executive 17.3 Backpack	6KD05AA
	HP Executive 17.3 Top Load	6KD08AA
	HP Executive Leather 15.6 Top Load	6KD09AA
	HP Executive Slim 14.1 Top Load	6KD04AA
	HP Prelude G2 15.6 Backpack	1E7D6AA
	HP Prelude G2 15.6 Top Load	1E7D7AA
	HP Prelude Pro Recycled 15.6 Backpack	1X644AA
	HP Prelude Pro Recycled 15.6 Top Load	1X645AA
	HP Renew 14 Laptop Sleeve	2E6U9AA,2E6V0AA
	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	3E2U5AA	
HP Renew Business 17.3 Laptop Bag	3E2U6AA	
<b>Docking</b>	HP Thunderbolt 120W G4 Dock	4J0A2AA
	HP USB-C 120W G5 Dock	26D32AA
	HP USB-C/A 120W G2 Universal Dock	5TW13AA
	HP Thunderbolt 120W G2 Dock	2UK37AA
<b>Hub</b>	HP USB-C Mini Dock	1PM64AA
	HP USB-C Travel Dock G2	7PJ38AA
<b>Adapter</b>	HP HDMI to DVI Adapter	F5A28AA
	HP HDMI to VGA Adapter	H4F02AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB-C to DisplayPort Adapter	N9K78AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB to Gigabit RJ45 Adapter	N7P47AA
	HP USB-C to USB 3.0 Adapter	N2Z63AA
	HP USB-C to VGA Adapter	N9K76AA
	HP USB-C to RJ45 Adapter	V7W66AA
<b>Keyboard/Combo</b>	HP 325 Chrome Wireless Keyboard	45U14AA
<b>Mouse</b>	HP USB Premium Wireless Mouse	1JR31AA
	HP 435 Multi-Device Wireless Mouse	3B4Q5AA

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

	HP 125 USB-A Wired Mouse	265A9AA
	HP 128 USB Laser Wired Mouse	265D9AA
	HP 320M USB-A Wired Mouse	9VA80AA
	HP Creator USB-A+Bluetooth 935 Wireless Mouse Black	1D0K8AA
	HP USB-A+Bluetooth Multi-Device 635 Wireless Mouse Black	1D0K2AA
	HP USB-A+Bluetooth Travel Bluetooth Mouse	6SP30AA
<b>Power</b>	HP 45W USB-C G2 Zeus AC Power Adapter	1HE07AA
	HP 45W USB-C LC Dali AC Power Adapter	1MZ01AA
<b>Commodity</b>	HP Nano Keyed Cable Lock	1AJ39AA
	HP Nano Master Keyed Cable Lock	1AJ40AA
	HP SureKey Standard/Nano/Wedge Cable Lock	6UW42AA

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### Summary of Changes

Date of change:	Version History:	Updated	Description of change:
April 11, 2022	V1 to V2	Added	Reference for USB ports
June 15, 2022	V2 to V3	Added	Added note in Manageability Feature

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