



# HP Fortis 14 inch G10 Chromebook

Stay productive with a ruggedized Chromebook

Work efficiently, almost anywhere, anytime, with the ruggedly designed 14-inch Chromebook. The durable, versatile design stands up to day-to-day use and transport wherever your day takes you, while optional LTE<sup>1</sup> keeps you connected.



\*Product image may differ from actual product

## Powered for productivity

- Quickly stream and access textbooks, tests, and more thanks to the optional embedded CAT9 WWAN<sup>1</sup>, the latest Intel<sup>®</sup> processor<sup>2</sup>, and up to 8GB RAM<sup>3</sup> and 128GB storage.<sup>4</sup> Keep going with long battery life and HP Fast Charge—charging 90% in 90 minutes.<sup>5</sup>

## Engineered for durability

- Say goodbye to downtime. This durable Chromebook with ruggedly designed components undergoes MIL-STD 810<sup>6</sup>, HP education, and drop testing.<sup>7</sup> The full-skirted anchored keyboard resists picking, minor spills, and dust.

## Immersive interaction

- Confidently engage with projects on an optional touchscreen and 180-degree lay-flat hinge. Then effectively interact with others on an 88-degree wide-viewing angle HD camera and dual microphones—making the most of a collaborative experience.
- Breathe easy with the low-maintenance, highly manageable and secure ChromeOS. With automatic software updates through June 2029 and built-in anti-virus protection, your device stays protected and up to date.<sup>8</sup>
- Boot up and get working in seconds. With the perfect combination of performance, power consumption, and value, this processor can handle multiple assignments smoothly and reliably.<sup>2</sup>
- Undergoes MIL-STD 810 tests combined with HP Total Test Process and drop testing to ensure this Chromebook exceeds HP durability and reliability standards—helping reduce total cost of ownership.<sup>6,9</sup>
- Stay connected with the optional embedded CAT9 WWAN. Highly reliable advanced network connectivity helps expand connectivity and enhance security.<sup>1</sup>
- Increase productivity without hassle. Connect to additional displays and projectors with an HDMI port that helps reduce dongle and cable clutter.
- Work from almost anywhere with a fast, reliable wireless connection. Get enhanced connectivity even on crowded wireless networks at a long range with Wi-Fi 6 WLAN module, supporting MU-MIMO and HP Extended Range Wireless LAN.<sup>10,11,12</sup>
- Enjoy the freedom to unplug and work or study at different sites throughout the day with a long-running battery. Charge to 90% battery life in 90 minutes with HP Fast Charge.<sup>5</sup>
- Tested for 1000 cleanings, the chassis, keyboard, clickpad, and display of this HP Pro x360 Fortis convertible laptop can be wiped down using commonly available household disinfecting and cleaning wipes.<sup>15</sup>
- Up to 8GB RAM and 128GB storage options allow staff, teachers, and students to access thousands of Android applications, complete tasks, and collaborate with others.<sup>3,4,13</sup>
- 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>14</sup>
- Never wonder if someone is watching you with the added peace of mind that comes from the integrated HP Privacy Camera. The camera's physical shutter protects users from malicious surveillance.
- Charge and transfer data to and from USB-C<sup>®</sup> devices and accessories. USB-C<sup>®</sup> ports provide high compatibility with a variety of Chromebook accessories.

## HP Fortis 14 inch G10 Chromebook Specifications Table



\*Product image may differ from actual product

|   |  |
|---|--|
| <b>Available Operating Systems</b>          | ChromeOS   |
| <b>Processor family</b>                     | Intel® Pentium® processor; Intel® Celeron® processor   |
| <b>Available Processors<sup>2,3</sup></b>   | Intel® Pentium® Silver N6000 with Intel® UHD Graphics (up to 3.3 GHz burst frequency, 4 MB L3 cache, 4 cores, 4 threads); Intel® Celeron® N4500 with Intel® UHD Graphics (up to 2.8 GHz burst frequency, 4 MB L3 cache, 2 cores, 2 threads); Intel® Celeron® N5100 with Intel® UHD Graphics (up to 2.8 GHz burst frequency, 4 MB L3 cache, 4 cores, 4 threads)   |
| <b>Maximum memory</b>                       | 8 GB LPDDR4X-4266 SDRAM<br>Memory soldered down.   |
| <b>Internal storage</b>                     | 32 GB up to 128 GB eMMC 5.0 <sup>17</sup>  |
| <b>Display size (diagonal, metric)</b>      | 35.6 cm (14")  |
| <b>Display</b>                              | 14" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC; 14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC; 14" diagonal, HD (1366 x 768), SVA, anti-glare, 250 nits, 45% NTSC; 14" diagonal, HD (1366 x 768), touch, SVA, anti-glare, 250 nits, 45% NTSC <sup>6,7</sup><br><br>35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, HD (1366 x 768), SVA, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, HD (1366 x 768), touch, SVA, anti-glare, 250 nits, 45% NTSC <sup>6,7</sup> |
| <b>Available Graphics</b>                   | Integrated: Intel® UHD Graphics <sup>6</sup><br>(Support HD Decode, DX12, and HDMI.)   |
| <b>Audio</b>                                | HD audio, dual speakers, dual array microphones  |
| <b>Wireless technologies</b>                | (HP Extended Range Wireless LAN, MU-MIMO and Chromecast support)   |
| <b>Expansion slots</b>                      | 1 microSD (Supports SD, SDHC, SDXC.)   |
| <b>Ports and Connectors</b>                 | 1 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 1.4; 1 stereo headphone/microphone combo jack ;<br>(HDMI cable sold separately.)  |
| <b>Input devices</b>                        | Spill resistant, full-size, Chrome keyboard with skirt anchored keycaps; Clickpad with multi-touch gesture support, taps enabled as default;   |
| <b>Communications</b>                       | Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 wireless card <sup>4,5,16</sup> ; Intel® XMM™ 7360 LTE Advanced Cat 9 (optional) ;   |
| <b>Camera</b>                               | 720p HD privacy camera (select models) <sup>6</sup>  |
| <b>Software</b>                             | HP Classroom Manager; Chrome Education Upgrade (Sold separately); <sup>8,9</sup>   |
| <b>Security management</b>                  | Nano Security lock slot; Google Titan C; Zero Touch Enrollment;  |
| <b>Power</b>                                | HP Smart 45 W USB Type-C® adapter  |
| <b>Battery type</b>                         | HP Long Life 2-cell, 47 Wh Li-ion polymer <sup>11,12</sup>   |
| <b>Dimensions</b>                           | 13.06 x 9.07 x 0.82 in; 33.19 x 23.05 x 2.09 cm  |
| <b>Weight</b>                               | Starting at 3.44 lb; Starting at 1.56 kg; (Weight will vary by configuration. Does not include power adapter.)   |
| <b>Ecolabels</b>                            | EPEAT® Silver registered in the U.S. <sup>14</sup>   |
| <b>Energy star certified (series fixed)</b> | ENERGY STAR® certified   |
| <b>Sustainable impact specifications</b>    | Low Halogen; TCO 8.0 certified <sup>15</sup>   |
| <b>Warranty</b>                             | 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. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> 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: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> .          |

## HP Fortis 14 inch G10 Chromebook

### Accessories and services (not included)

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#### HP E24mv G4 FHD Conferencing Monitor



Make a great impression on video calls on this 23.8-inch full HD conferencing monitor. The integrated, 5MP tilt-adjustable pop-up webcam displays a sharp, detailed picture – even in low light – and the built-in speakers and mic produce clear, life-like sound. Everything you need to present your best self on every call.<sup>1</sup>

**Product number: 169L0AA**

<sup>1</sup> Based on HP's internal analysis of monitor series with webcams. Most advanced based on physical integration, camera angle tile, Windows Hello IR sensor, minimum 5MP and as privacy pop-up as of 5/28/2021.

<sup>2</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

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#### HP Nano Keyed Cable Lock



Lock your notebook or tablet down in the office and high-traffic public areas by tethering it to a secure surface with the thin profile HP Nano Keyed Cable Lock.

**Product number: 1AJ39AA**

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#### HP Prelude Pro 15.6-inch Recycled Backpack



Commute with a stylish and durable backpack thoughtfully designed with the environment in mind and made with recycled fabric<sup>1</sup>. The HP Prelude Pro Recycled Backpack comes with safety features for your peace of mind when you carry your devices from work to home and beyond.

**Product number: 1X644AA**

<sup>1</sup> Backpack external surface made of 95% recycled fabric.

<sup>2</sup> Power bank sold separately.

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#### HP 435 Multi-Device Wireless Mouse



Work seamlessly with a versatile and customizable mouse that is responsibly made. Enhance your experience by connecting with up to two devices and moving content across operating systems. Be at your best with programmable buttons, ergonomic design, and battery life that lasts up to 24 months<sup>1</sup>. Plus, enjoy the freedom to work on most surfaces with a Multi-Surface Sensor technology.

**Product number: 3B4Q5AA**

<sup>1</sup> Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.

<sup>2</sup> Enabled through HP Accessory Center (HPAC) Software. HP Accessory Center (HPAC) software available for free download in Microsoft Store or Apple Store.

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## Messaging Footnotes

- <sup>1</sup> WWAN is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions.
- <sup>2</sup> 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.
- <sup>3</sup> Optional feature that must be configured at the time of purchase.
- <sup>4</sup> Up to 128GB is an optional feature that must be configured at the time of purchase. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.1 GB is not user accessible.
- <sup>5</sup> Recharges the battery 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, and no external devices are connected. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>6</sup> MIL-STD testing 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>7</sup> 122 cm test on plywood and 76 cm test on concrete. Drop test is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>8</sup> See <https://support.google.com/chrome/a/answer/6220366?hl=en> for more information.
- <sup>9</sup> Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>10</sup> 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. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.
- <sup>11</sup> Multiple-Input Multiple-Output (MU-MIMO) is a wireless technology that uses multiple transmitters and receivers to enhance data transfer. MIMO requires a MU-MIMO router, sold separately.
- <sup>12</sup> Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
- <sup>13</sup> Internet access required and sold separately. Some apps may require purchase.
- <sup>14</sup> Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>15</sup> See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at [How to Sanitize Your HP Device Whitepaper \(https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW\)](https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW).

## Technical Specifications Footnotes

- <sup>2</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>3</sup> 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.
- <sup>4</sup> 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.
- <sup>5</sup> Chromecast must be purchased separately.
- <sup>6</sup> FHD/HD content required to view FHD/HD images.
- <sup>7</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>8</sup> HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.
- <sup>9</sup> 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>.
- <sup>10</sup> Lock is sold separately.
- <sup>11</sup> 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.
- <sup>12</sup> 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.
- <sup>13</sup> 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](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.
- <sup>14</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>15</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>16</sup> WWAN module is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions.
- <sup>17</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.1 GB is not user available.
- <sup>18</sup> 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.

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