# Rugged, flexible design and Chrome simplicity

The HP Fortis x360 Chromebook helps push possibilities with reliable performance in a ruggedized<sup>1</sup>, flexible design. Essential features, a 360-degree hinge and the simple, secure ChromeOS enable productivity and interactivity for a more personalized, comfortable experience, while built-in features from HP provide durability for day-to-day peace of mind.

### Four versatile use modes

Utilize the ruggedized<sup>1</sup> 360-degree hinge to jump between tasks with ease on the HP x360 Fortis Chromebook. Type, write, or draw comfortably, keep projects moving forward, and effectively collaborate in laptop, tablet, tent, or stand mode.

## **Engineered for durability**

This durable Chromebook with ruggedly designed components undergoes MIL-STD 810<sup>1</sup> tests, HP Total Test Process<sup>3</sup>, and drop testing.<sup>4</sup> The full-skirted anchored keyboard resists dust and spills up to 350ml (11.8 oz).<sup>3</sup>

### Easily meet online

Easily connect with others in dense wireless networks using fast, reliable Wi-Fi 6<sup>2</sup> connectivity and dual cameras. The HD camera and optional worldfacing 5MP Auto-Focus camera<sup>5</sup> add flexibility as you record, stream, and chat.



\*Product image may differ from actual product



## **Featuring**

#### ChromeOS simplicity

Breathe easy with the low-maintenance, highly manageable and secure ChromeOS. With automatic software updates through June 2030 and built-in anti-virus protection, your device stays protected and up to date.

#### Fast performance, connectivity, and responsiveness

Get the solid combination of responsive performance, connectivity, and speed with up to Intel® Pentium® processor that lets you launch, create, and connect quickly and reliably.<sup>7</sup>

#### Ruggedized Fortis series' Chromebooks

Help withstand day-to-day wear and tear with Chromebooks designed to work in challenging environments. Whether traveling from school, work, home and back, HP Fortis devices are built for durability.<sup>1</sup>

#### Ruggedly designed, right down to the keyboard

Reduce risk of damage with the durably built HP Fortis x360 Chromebook, featuring a keyboard with full-skirted anchored keys. Coupled with an extra layer of protection under the keys, this sturdy keyboard resists spills up to 350ml (11.8 oz).<sup>3</sup>

#### Tested for reliability and durability

Undergoes MIL-STD 810, HP Total Test Process, and drop testing for hardware and systems to help ensure this ruggedized convertible Chromebook meets or exceeds HP durability standards. 1,3,4

#### Advanced wireless connectivity

Be productive almost anywhere, even in crowded wireless networks, with a fast, reliable wireless connection. This x360 Chromebook's Wi-Fi 6 wireless LAN module supports MU-MIMO and HP Extended Range Wireless LAN.<sup>2,8</sup>

#### Dual camera support

Collaborate with others and immerse yourself in content creation with an optional dual camera system. Capture visuals and create videos using the optional auto-focus world-facing 5MP second camera in tablet mode—conveniently placed for ease of use.<sup>5</sup>

#### Tough Corning® Gorilla® Glass 3

Stand up to the daily abuse your touchscreen takes from gripping to swiping with the damage-resistant Corning® Gorilla® Glass 3 panel.

#### Tough, resilient design

Provide a Chromebook that can survive drops up to 122 cm (48.03 in) and absorb shocks from accidental bumps with tightly bonded, co-molded rubber trim and mechanical structures on the corners.<sup>1,4</sup>

#### Purpose-driven, synchronized 360-degree hinge

Smoothly flip and fold this HP Fortis x360 Chromebook to the best position for your tasks. The synchronized hinge allows creating in laptop mode, collaborating in stand mode, sharing in tent mode, and writing and drawing in tablet mode.

#### Storage and memory options for all your tasks

Up to 8GB RAM and 64GB storage options allow access to thousands of Android applications for productivity, assist in completing tasks, and collaborating with others.  $^{5,9,10}$ 



# **Technical specifications**

Available Operating Systems	ChromeOS
Processor family	Intel® Celeron® processor Intel® Pentium® Silver processor
Available Processors <sup>2,3</sup>	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)
@@Brightness@@	220 nits
Maximum memory	8 GB LPDDR4X-4266 MHz RAM (on-board); (Transfer rates up to 4266 MT/s.) Onboard memory. Non customer accessible/upgradeable.
Internal storage	32 GB up to 64 GB eMMC <sup>4</sup>
Display size (diagonal, metric)	29.5 cm (11.6")
Display <sup>7,8,9</sup>	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, Corning® Gorilla® Glass 3, 220 nits, 50% NTSC
Available Graphics	Integrated: Intel® UHD Graphics <sup>7</sup> (Support HD Decode, DX12, and HDMI.)
Audio	HD audio, dual speakers, dual array microphones
Ports and connectors	2 USB Type-C* 5Gbps signaling rate (USB Power Delivery, video and data support); 2 USB Type-A 5Gbps signaling rate; 1 stereo headphone/microphone combo jack
Input devices	Spill resistant, full-size, Chrome keyboard with skirt anchored keycaps; Clickpad with multi-touch gesture support, taps enabled as default
Communications	(HP Extended Range Wireless LAN, MU-MIMO and Chromecast support); ; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card
Camera	720p HD camera; 5 MP auto-focus camera (rear-facing, select models) <sup>7</sup>
Software	Chrome Education Upgrade (Sold separately) <sup>11</sup>
Security management	Nano Security lock slot; Google Titan C; Zero Touch Enrollment (optional)



<b>Technical</b>	specifications

Power	HP Smart 45 W USB Type-C® adapter	
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer <sup>13,14</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes.	
Battery life	Up to 11 hours <sup>19</sup>	
Dimensions	29.5 x 20.53 x 2.09 cm; 2.63 x 17.12 x 10.23 in 6.7 x 43.5 x 26 cm (Package)	
Weight	Starting at 1.47 kg; (Weight will vary by configuration. Does not include power adapter.)	
Ecolabels	TCO Certified configurations available; EPEAT® Silver registered configurations available 16	
Energy star certified	ENERGY STAR® certified	
Sustainable impact specifications	Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 2% post-consumer recycled plastic <sup>17,20,21,22</sup>	
Warranty	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. Onsite 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.	



#### **Footnotes**

## **Messaging Footnotes**

- 1 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>2</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11 ax) is backwards compatible with prior 802.11
- <sup>3</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>4</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.
- $^{5}$  Optional feature that must be configured at the time of purchase.
- <sup>6</sup> See https://support.google.com/chrome/a/answer/6220366?hl=en for more information.
- 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
- <sup>8</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.
- 9 Up to 64GB 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 20.1 GB is not user accessible
- $^{10}$  Internet access required and sold separately. Some apps may require purchase.

## **Specification Footnotes**

- <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> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- $^4$  For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 18.3 GB is not user available.
- <sup>5</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>6</sup> Chromecast must be purchased separately.
- <sup>7</sup> FHD/HD content required to view FHD/HD images.
- <sup>8</sup> Actual brightness will be lower with touchscreen or Sure View.
- <sup>9</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- 11 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>12</sup> Lock is sold separately.
- 13 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.
- 14 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.
- 15 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.
- <sup>16</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- <sup>17</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>18</sup> Zero Touch Enrollment is sold separately.
- <sup>19</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.
- $^{\rm 20}$  Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>21</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- $^{\rm 22}$  Molded pulp cushions made from 100% recycled wood fiber and organic materials.

