## Rugged, convertible Chromebook

The rugged HP Fortis x360 Chromebook provides reliability and performance in a rugged 360-degree design. It features an Intel® quad-core processor<sup>8</sup>, plenty of memory, and long battery life for productivity throughout the day. The 360-degree hinge allows multiple modes of use, while enhanced durability testing gives you peace of mind.

# Immersive 360-degree design

Adapt to your workstyle with the durable, flexible 360-degree hinge on this HP Fortis Chromebook. Easily Interact and share with others using the optional HP USI Garaged Pen<sup>1</sup> and dual cameras<sup>3</sup> in laptop, tablet, tent, or stand mode.

## Durable, reliable design

Resist damage from daily use with a fanless, ruggedized Chromebook that can withstand drops up to 122cm (48.03 in)<sup>4</sup> and undergoes 19 MIL-STD 810 tests.<sup>5</sup> The full-skirted, anchored keyboard resists picking, spills up to 350ml (11.8 oz), and dust.

# Fast, reliable connectivity and performance

Quickly access data and apps in the cloud with Wi-Fi6E<sup>6</sup> and optional 4G LTE.<sup>7</sup> Stay productive with an Intel® quad-core processor<sup>8</sup>, up to 16GB LPDDR5 RAM<sup>3</sup>, and long battery life—featuring HP Fast Charge for 90% charge in 90 minutes.<sup>9</sup>



\*Product image may differ from actual product

Sustainability in action

## Help protect our shared future

The HP Fortis x360 11 inch G5 Chromebook is EPEAT® 2019 Gold in all countries where HP registers the product 10 by having met strict environmental criteria (Electronic Product Environmental Assessment Tool).



## Featuring

#### ChromeOS simplicity

Breathe easy with the low-maintenance, highly manageable and secure ChromeOS. With automatic software updates through June 2031 and built-in anti-virus protection, your device stays protected and up to date.<sup>2</sup>

#### Advanced wireless connectivity

Stay connected, even in crowded wireless networks at a long range, with Wi-Fi  $6E^4$  or optional Wi-Fi  $6^{14}$  wireless LAN, supporting Bluetooth\*, MU-MIMO $^{15}$  and HP Extended Range Wireless LAN.

#### Wireless 4G LTE connectivity

Enjoy the freedom to connect from almost anywhere with optional 4G LTE<sup>7</sup>, featuring an embedded eSIM<sup>16</sup> and SIM card slot.<sup>17</sup> Highly reliable advanced network connectivity helps expand how and where you get things done.

#### Versatile, durable ports

Maximize flexibility, adding connectivity for displays and peripherals with reinforced ports for durability, including two USB-C $^{\circ}$  ports, two USB-A ports, and an additional HDMI port. $^{18}$ 

#### Fast performance, connectivity, and responsiveness

Get the solid combination of responsive performance and connectivity with an Intel® quad-core processor8 that lets you launch, create, and connect quickly and reliably.

#### Updated storage and performance options

Complete daily tasks with plenty of storage and updated memory. Featuring up to 128GB Universal Flash Storage<sup>19,3</sup> and 16GB LPDDR5 memory<sup>3</sup> options, seamlessly run all your apps with minimal lag and power consumption.

#### Tested for reliability and durability

Undergoes 19 MIL-STD 810 $^5$  tests and HP Total Test Process $^{12}$ , with IP51 $^{20}$  and drop testing $^4$  for hardware and systems to help ensure this Fortis Chromebook meets or exceeds HP durability standards—helping reduce costly mishaps.

#### Create, edit, write, and touch-naturally

Easily jot notes and capture information with the natural, intuitive touchscreen and pen-point accuracy of the optional HP USI Garaged Pen. 1

#### Purpose-driven, smooth 360° hinge

Flip and fold this x360 Chromebook to the optimal mode for your workstyle and activity. Create content in laptop mode, collaborate in stand mode, share in tent mode, and write and draw in tablet mode.

#### Stylish, scratch-resistant keyboard palmrest

Help protect your technology investment. The keyboard palmrest features a modern-looking dot texture that's both visually appealing and resists scratches and fingerprints.

#### Explore with dual cameras

Unleash creativity with multimedia tools that let you record, broadcast, and chat with the user-facing camera. See what's recording onscreen and capture photos and videos with the optional auto focus world-facing<sup>3</sup> 8MP second camera.

#### Tough Corning® Gorilla® Glass 3

Help protect your touchscreen without sacrificing visual quality with damage-resistant Corning® Gorilla® Glass.



## **Technical specifications**

Available Operating Systems	ChromeOS
Processor family	Intel® Core™ N-series processor
Available Processors <sup>2,3,4</sup>	Intel® Processor N200 (1.0 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads) Intel® Processor N100 (0.8 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads)
Product colour	Flint gray; Jet black; Galactic blue; Cosmic blue
Maximum memory	16 GB LPDDR5X-7500 MHz RAM; (Transfer rates up to 7500 MT/s.) Memory soldered down.
Internal storage	up to 128 GB UFS $^5$ 32 GB up to 64 GB eMMC $5.0^5$
Display size (diagonal, metric)	29.5 cm (11.6")
Display	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, Corning® Gorilla® Glass 3, 250 nits, 50% NTSC <sup>10,11,12,13</sup>
Available Graphics	Integrated: Intel® UHD Graphics <sup>10</sup> (Support HD Decode, DX12, and HDMI.)
Audio	Waves MaxxAudio®, dual speakers, dual array microphones
Wireless technologies	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® <sup>6,7</sup> (HP Extended Range Wireless LAN, MU-MIMO and Chromecast support) <sup>8</sup>
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 HDMI 1.4; 1 stereo headphone/microphone combo jack; (HDMI cable sold separately.)
Input devices	Spill resistant, full-size, Chrome keyboard with skirt anchored keycaps; Clickpad with multi-touch gesture support, taps enabled as default
Communications	Qualcomm® Snapdragon™ X12 LTE Cat 6 <sup>9</sup>
Camera	720p HD privacy camera (select models) <sup>10</sup>
Software	HP Support Assistant <sup>14</sup> ; HP Classroom Manager <sup>15</sup> ; Chrome Education Upgrade (Sold separately) <sup>16</sup>
Security management	Nano Security Lock Slot <sup>17</sup> ; Google Titan C; Zero Touch Enrollment



## **Technical specifications**

Power	HP Smart 45 W USB Type-C® adapter
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer <sup>19</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes. <sup>20</sup>
Battery life	Up to 11 hours <sup>18</sup>
Dimensions	29.5 x 20.4 x 2.1 cm; 6.7 x 43.5 x 26 cm (Package)
Weight	Starting at 1.46 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	CECP; EPEAT® Gold registered; SEPA; Taiwan Green Mark; Japan PC Green Label; KOECO; TCO Certified; FEMP <sup>21</sup>
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 22,24,25,26
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. 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.



#### **Footnotes**

## **Messaging Footnotes**

- $^1$  Optional HP USI Garaged Pen sold separately or as a configurable option. The active HP Wacom EMR pen is not useable with the device.
- <sup>2</sup> Sold separately or as a configurable option.
- $^{3}$  Optional feature that must be configured at the time of purchase.
- <sup>4</sup> 122cm test on plywood and 76cm 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>5</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>6</sup> Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs and available in countries where Wi-Fi 6E is supported.
- <sup>7</sup> Gigabit class Category 16 4G LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. 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.
- <sup>8</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.
- 9 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.
- 10 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- 12 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.

  13 See https://support.google.com/chrome/a/answer/6220366?hl=en for more information.
- 14 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 specs.
- 15 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>16</sup> eSIM is not user accessible without WWAN configuration.
- $^{\rm 17}$  SIM slot is not user accessible without WWAN configuration.
- <sup>18</sup> USB-C\* and HDMI cables sold separately and not included.
- <sup>19</sup> Up to 128GB Universal Flash Storage 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 18.0GB is not user accessible.
- <sup>20</sup> IP51 rating is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

## **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.
- <sup>4</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
- <sup>5</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.1 GB is not user available.
- <sup>6</sup> Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- 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.
- <sup>8</sup> Chromecast must be purchased separately.
- 9 WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
- 10 FHD/HD content required to view FHD/HD images.
- 11 Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>12</sup> Actual brightness will be lower with touchscreen.
- 13 All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>14</sup> HP Support Assistant requires Windows and Internet access.
- 15 HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.
- 16 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>17</sup> Lock is sold separately.
- 18 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.
- 19 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>20</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 speed will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>21</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- 22 External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>23</sup> ZTE requires separately purchased HP Get More Service. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- <sup>24</sup> Molded pulp cushions made from 100% recycled wood fiber and organic materials.
- $^{25}$  Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>26</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

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