HP Fortis Flip G1m 11 inch Chromebook

Immersive 360-degree design

Adapt to your learning style with the durable, flexible 360-degree hinge on this HP Fortis Flip Chromebook. Easily Interact and expand your horizons using the optional HP USI Garaged Pen[1] and dual cameras[3] in laptop, tablet, tent, or stand mode.

Durable, reliable design for mobility throughout the day

Resist damage from daily use with a fan-less, ruggedized Chromebook that can withstand drops up to 122cm (48.03 in)[4] and undergoes IP51[5], 19 MIL-STD 810 tests.[6] The full-skirted, anchored keyboard resists picking, spills up to 350ml (11.8 oz), and dust.

Fast, reliable connectivity and performance

Leverage quick access to apps and web browsing with a MediaTek Kompanio 520 processor[7], ChromeOS[8], Wi-Fi 6 WLAN[9], up to 8GB RAM[3], and up to 64GB eMMC storage.[10] Keep going with long battery life and HP Fast Charge for a 90% charge in 90 minutes.[11]

*Product image may differ from actual product

Sustainability in action

Outer box packaging 100% sustainably sourced

The EPEAT® Gold registered[13] and ENERGY STAR® certified HP Fortis Flip G1m Chromebook uses 100 percent sustainably sourced and recyclable outer box packaging[12]–helping protect our future.

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Featuring

ChromeOS simplicity
Breathe easy with the low-maintenance, highly manageable, and secured ChromeOS. With automatic software updates through June 2033 and built-in anti-virus protection, your device is protected and up to date.[8]

Hassle-free connectivity keeps you going
Get a fast and reliable connection and stay connected in dense wireless environments with optional Wi-Fi 6[3,9] LAN and Bluetooth® 5.3 combo.[3]

Versatile, durable ports for device longevity
Maximize flexibility, adding connectivity for displays and peripherals with reinforced ports for durability, including one USB-C® port, two USB-A ports, and an HDMI port.[15]

Elevate performance for everyday activities
Elevate Chromebook CPU and graphics performance with the power-efficient MediaTek Kompanio 520 processor. Launch, create, and connect for easy multitasking across applications with fast memory and storage and superfast start-up.[7]

Storage and memory options for all your tasks
Up to 8GB RAM[3] and 64GB eMMC storage[10] options allow access to thousands of Android applications for education[16], assist in completing assignments, and collaborating with others.

Remain confident with reliability and durability testing
Undergoes 19 MIL-STD 810[6] and HP Total Test Process[17], with IP51[5], and education drop testing for hardware and systems to help ensure this Fortis Chromebook for education meets or exceeds HP durability standards—helping reduce costly mishaps.[4]

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]

Work longer, charge faster, forge ahead
Long battery life gets you through the school day without plugging in. When the day goes longer, you can quickly recharge your Chromebook with HP Fast Charge. You'll get up to 90% battery life in just 90 minutes of charging.[11]

Stay purpose-driven with a smooth 360° hinge
Flip and fold this convertible Chromebook for education to the optimal mode for your learning style and activity. Create content in laptop mode, collaborate in stand mode, share in tent mode, and write and draw in tablet mode.

Stylish, compact design with scratch resistant keyboard deck
Get a light, convertible Chromebook and help protect your technology investment. This 11-inch device features a modern-looking dot texture on the keyboard deck 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[3] 5MP 2nd camera.

Tough Corning® Gorilla® Glass 3
Helping protect your touchscreen, Corning® Gorilla® Glass resists scratches and damage without sacrificing visual quality.

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Technical specifications

Available Operating Systems	ChromeOS
Processor family	MediaTek processor
Available Processors[2,3]	MediaTek Kompanio 520 (2.05 GHz base frequency, 1 MB L3 cache, 8 cores, 8 threads)
Maximum memory	8 GB LPDDR4x-4266 MT/s; (Transfer rates up to 4266 MT/s.) Memory soldered down.
Internal storage	32 GB up to 64 GB eMMC 5.0[4]
Display size (diagonal, metric)	29.5 cm (11.6")
Display[7,9,10,11]	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, Corning® Gorilla® Glass 3, 250 nits, 50% NTSC
Available Graphics	Integrated: ARM® Mali™-G52 MP2 Graphics
Audio	Dual stereo speakers, dual array microphones
Ports and connectors	1 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 1 HDMI 1.4; 1 stereo headphone/microphone combo jack; 2 USB Type-A 5Gbps signaling rate (charges with power-on)[21] ; (Cables are not included.)
Input devices	Spill resistant, full-size, Chrome keyboard with skirt anchored keycaps; Clickpad with multi-touch gesture support, taps enabled as default; Accelerometer; Gyroscope
Communications	(Chromecast support); ; MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card
Camera	720p HD camera; World-facing 5 MP camera (select models) [7,8]
Software	HP Support Assistant[18]; Chrome Enterprise Upgrade (Sold separately); Chrome Education Upgrade (Sold separately)[19]
Security management	Security lock slot[20]; Google H1 Security Chip; Zero Touch Enrollment

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Technical specifications

Power	45 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen-free adapter[15]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion polymer[13]; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes.[14]
Battery life	Up to 16 hours[25]
Dimensions	29.3 x 19.95 x 0.9 cm (front); 29.3 x 19.95 x 1.64 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)
Weight	Starting at 1.3 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S.[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; 5% ocean-bound plastic in speaker enclosure; Contains at least 3.5% post-consumer recycled plastic[17,22,23,24]
Stylus	HP USI Garaged Pen (select models)
Warranty	HP Services offers 1-year or 3-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 .

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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.

[2] Sold separately or as a configurable option.

[3] Optional feature that must be configured at the time of purchase.

[4] 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.

[5] IP51 rating is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[6] 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.

[7] 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. MediaTek's numbering is not a measurement of clock speed.

[8] See https://support.google.com/chrome/a/answer/6220366?hl=en for more information.

[9] 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.

[10] 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.

[11] 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.

[12] 100 percent outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100 percent recycled wood fiber and organic material. Any plastic cushions are made from >90 percent recycled plastic.

[15] USB-C® and HDMI cables sold separately and not included.

[16] Internet access required and sold separately. Some apps may require purchase.

[17] 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.

Specification Footnotes

[2] 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. MediaTek's numbering is not a measurement of clock speed.

[3] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

[4] 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.

[5] 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.

[6] Chromecast must be purchased separately.

[7] HD content required to view HD images.

[8] Sold separately or as a configurable option.

[9] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[10] Actual brightness will be lower with touchscreen.

[11] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[12] Optional HP USI Garaged Pen sold separately or as a configurable option. The active HP Wacom EMR pen is not useable with the device.

[13] For new batteries, actual battery Watt-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-ion batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shelf life, temperature, environment, loaded apps, features, system configuration, and power settings.

[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 speed will return to normal. Charging time may vary +/-10% due to System tolerance.

[15] Availability may vary by country.

[16] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[17] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

[18] HP Support Assistant is available on Windows. For more information, please visit http://www.support.hp.com/help/hpsupport-assistant .

[19] 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 .

[20] Lock is sold separately.

[21] HDMI port not available in Japan.

[22] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

[23] Molded pulp cushions made from 100% recycled wood fiber and organic materials.

[24] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[25] 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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