

# HP Fortis Flip G1i 11 inch Notebook PC

Take bumps, drops, and spills in stride with the ruggedized<sup>3</sup> HP Fortis Flip G1i. Keep students connected wherever learning happens with this versatile PC that helps maximize up-time with IT-friendly manageability<sup>4</sup> and HP Wolf Security.<sup>5</sup>

## Durability inside and out

Take advantage of the 360-degree design and connectivity features of the HP Fortis Flip G1i. Take quick notes during class in tablet mode, consume information in media mode, and create compelling content in laptop mode—all while utilizing Wi-Fi 6E<sup>6</sup> or optional 4G LTE.<sup>7</sup>

## Versatility and connectivity

Take advantage of the 360-degree design and connectivity features of the HP Fortis Flip G1i. Take quick notes during class in tablet mode, consume information in media mode, and create compelling content in laptop mode—all while utilizing Wi-Fi 6E<sup>6</sup> or optional 4G LTE.<sup>7</sup>

## IT-friendly

Protect users from cybersecurity threats and simplify security and manageability, freeing up IT for more strategic initiatives. The HP Fortis Flip G1i features protection by HP Wolf Security for Business<sup>5</sup> and the easy-to-use HP Manageability Integration Kit.<sup>4</sup>



\*Product image may differ from actual product

## Sustainability in action

### Outer box packaging 100% sustainably sourced

The EPEAT<sup>®</sup> registered<sup>8</sup> and ENERGY STAR<sup>®</sup> certified HP Fortis Flip G1i uses 100 percent sustainably sourced and recyclable outer box packaging<sup>9</sup> and the speaker enclosure contains ocean-bound plastics.<sup>10</sup>



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## Featuring

### Ruggedized Fortis series' PCs for education

Help withstand day-to-day wear and tear<sup>3</sup> with PCs designed to work in challenging educational environments. Whether traveling from school to home and back, HP Fortis devices are built for durability.

### Updated storage and performance options

Carry on day-to-day assignments with plenty of storage and updated memory. Featuring 128GB Universal Flash Storage<sup>12,13</sup> or 256GB SSD<sup>12,13</sup> and LPDDR5 memory<sup>9</sup> options, seamlessly run all your apps with minimal lag and power consumption.

### Ruggedly designed, right down to the keyboard

Reduce risk of damage with the durably built HP Fortis Flip, featuring a keyboard with pick resistant, 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>14</sup>

### Tested for reliability and durability

Passed 19 MIL-STD 810<sup>3</sup> and HP Total Test Process<sup>14</sup>, with education drop testing<sup>15</sup> for hardware and systems to help ensure this convertible notebook for education meets or exceeds HP durability standards—helping reduce costly mishaps.

### HP Pro Slim Rechargeable Pen

Keep the optional digital pen<sup>12</sup> close at hand and recharge quickly with the integrated water-resistant garage<sup>12,14</sup> on the keyboard. Using the pen enhances student engagement through natural writing on the Fortis Flip touchscreen.

### Dual cameras support content creation

Collaborate with others and immerse yourself in content creation with an optional dual camera system.<sup>12</sup> Record school projects using the auto-focus world-facing 5MP second camera in tablet mode—conveniently placed for ease of use.

### Advanced wireless connectivity

Stay connected, even in crowded wireless networks, with a fast, reliable wireless connection. This Fortis Flip's Wi-Fi 6E wireless LAN<sup>6</sup> comes with MU-MIMO<sup>16</sup>, HP Extended Range Wireless LAN, and supports Bluetooth® technology.

### Wireless 4G LTE connectivity

Connect at home, in the office, or in between with the optional 4G WWAN<sup>7</sup>, featuring an embedded eSIM<sup>17</sup> and SIM card slot.<sup>18</sup> Network connectivity provides the freedom to connect from almost anywhere.

### Tough Corning® Gorilla® Glass 3

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

### Fast and reliable image updates

Easily connect to your network with an industry standard RJ-45 port. No adapter needed.



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## Technical specifications

Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home - HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language - HP recommends Windows 11 Pro for business <sup>1</sup> FreeDOS
Processor family <sup>5</sup>	Intel® Processor N-series
Available Processors <sup>3,4,5</sup>	Intel® Processor N250 (1.3 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads) Intel® Processor N150 (0.8 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads)
Product colour	Jet black; Jade green
Maximum memory	16 GB LPDDR5-6400 MT/s; (Transfer rates up to 6400 MT/s.) Onboard memory. Non customer accessible/upgradeable.
Internal storage	256 GB PCIe® NVMe™ M.2 SSD <sup>6</sup> 128 GB UFS <sup>6</sup>
Display size (diagonal, metric)	29.5 cm (11.6")
Display <sup>10,11,12</sup>	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, Corning® Gorilla® Glass 3, 250 nits, 50% NTSC; 29.5 cm (11.6") diagonal, HD (1366 x 768), touch, BrightView, Corning® Gorilla® Glass 3, 250 nits, 45% NTSC
Available Graphics	Integrated: Intel® UHD Graphics <sup>10</sup> (Support HD decode, DX12, HDMI 2.0b.)
Audio	Dual stereo speakers, dual array microphones
Ports and connectors	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1b; 1 stereo headphone/microphone combo jack; 1 RJ-45; 1 DC-in ; (HDMI cable sold separately.); Optional Ports: 1 Internal on-board Nano SIM slot for WWAN (optional) <sup>9</sup>
Input devices	Pick and spill-resistant, full-size keyboard; Clickpad with multi-touch gesture support, taps enabled as default; Accelerometer; Magnetometer
Communications	(Compatible with Miracast-certified devices. <sup>31</sup> ); ; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card ; Qualcomm® Snapdragon™ X12 LTE Cat 6
Camera	720p HD camera; 5 MP auto-focus camera (rear-facing, select models) <sup>10</sup>
Software	HP Easy Clean <sup>13</sup> ; HP PC Hardware Diagnostics Windows; myHP; HP Smart Support (download) <sup>57</sup> ; HP Services Scan <sup>15</sup> ; HP Connection Optimizer; Hotkey support; HP Support Assistant <sup>14</sup> ; HP Notifications; HP Prime Graphing Calculator Pro <sup>41</sup> ; HP Privacy Settings; Microsoft 365 and Office (sold separately and Internet access required for activation)
Security management	HP Sure Sense <sup>21</sup> ; HP Sure Start Gen7 <sup>22</sup> ; HP BIOSphere Gen6; Absolute Persistence Module <sup>26</sup> ; HP DriveLock and Automatic DriveLock; BIOS Update via Network; HP Wake on WLAN; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Secure Erase <sup>25</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>



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Management features	HP Connect for Microsoft Endpoint Manager <sup>16</sup> ; HP Image Assistant Gen 5 (download); HP Manageability Integration Kit (download) <sup>17</sup> ; HP Client Management Script Library (download); HP Patch Assistant (download) <sup>18</sup> ; HP Driver Packs (download) <sup>19</sup> ; HP Client Catalog (download)
Power	HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen-free adapter <sup>28</sup>
Battery type	HP Long Life 3-cell, 42 Wh Li-ion polymer <sup>27</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty.
Dimensions	29.7 x 20.37 x 2.12 cm
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 <sup>30</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; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 30% ocean-bound plastic; 100% of HP paper-based packaging is from recycled or certified sustainable sources <sup>32,33,34,35,36,37</sup>
Stylus	HP Slim Rechargeable Pen (optional)
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. 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> .



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## Footnotes

## Messaging Footnotes

- <sup>3</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>4</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>5</sup> HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.
- <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> 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>8</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.
- <sup>9</sup> 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.
- <sup>10</sup> Speaker enclosure component contains 5 percent ocean-bound plastic by weight.
- <sup>11</sup> Copilot in Windows requires Windows 11 and is not recommended for anyone under the age of 18 at this time. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>.
- <sup>12</sup> Optional feature that must be configured at the time of purchase.
- <sup>14</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>15</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>16</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>17</sup> eSIM is not user accessible without WWAN configuration.
- <sup>18</sup> SIM slot is not user accessible without WWAN configuration.

## Specification Footnotes

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- <sup>2</sup> This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- <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> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- <sup>6</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.
- <sup>7</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.
- <sup>8</sup> 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.
- <sup>9</sup> SIM slot is not user accessible without WWAN configuration.
- <sup>10</sup> HD content required to view HD images.
- <sup>11</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>12</sup> Actual brightness will be lower with touchscreen.
- <sup>13</sup> HP Easy Clean requires Windows 10 RS3 and higher and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.
- <sup>14</sup> HP Support Assistant requires Windows and Internet Access.
- <sup>15</sup> HP Services Scan is provided thru Windows Update and will check entitlement on each hardware device to determine if an HP TechPulse-enabled service has been purchased, and will download applicable software automatically. To disable this feature, please follow the instructions at <http://www.hpdaas.com/requirements>. HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP TechPulse follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>. Not available in China.
- <sup>16</sup> HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.
- <sup>17</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>18</sup> HP Patch Assistant available on select HP PCs with the HP Manageability Integration Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>19</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>21</sup> HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- <sup>22</sup> HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
- <sup>23</sup> HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
- <sup>24</sup> HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- <sup>25</sup> For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- <sup>26</sup> Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/>.
- <sup>27</sup> 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.
- <sup>28</sup> Availability may vary by country.
- <sup>29</sup> 1-year and 3-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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>30</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>31</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>32</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>33</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>34</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- <sup>35</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>36</sup> Molded pulp cushions made from 100% recycled wood fiber and organic materials.
- <sup>37</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>38</sup> Sold separately or as an additional feature.
- <sup>41</sup> HP Prime Graphing Calculator Pro included with HP School Pack and may be purchased separately for other devices from the Windows, Android, or Apple Store.
- <sup>56</sup> HP Wolf Pro Security Edition is available preloaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: [https://support.hp.com/us-en/document/ish\\_3875769-3873014-16](https://support.hp.com/us-en/document/ish_3875769-3873014-16) as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term of the subject license ends.
- <sup>57</sup> HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>.
- <sup>60</sup> Depending on the version available for your device and the setting you select, HP Battery Health Manager (BHM) will use a proprietary set of algorithms to optimize battery health during the life of the battery. New Commercial Notebooks come equipped with BHM set to "Let HP Manage My Battery Health" as the default. This setting will reduce charge capacity over time to optimize battery health and mitigate factors that can accelerate battery degradation. As a result of this reduction, battery runtime will decrease over time as available charge capacity is reduced. HP may, at any time, update HP Battery Health Manager to improve available settings, functionality, and performance. Refurbished products may have customized default settings to optimize user experience. For additional information on updating or modifying HP Battery Health Manager settings, please go to [HP.COM/SUPPORT/BATTERY](http://HP.COM/SUPPORT/BATTERY).

