Datasheet

HP Elite Dragonfly G2 Notebook PC

The next best thing to being there

Starting under 1kg[3], the highly portable HP Elite Dragonfly G2 features an elegant design and powerful security. Bring people together with AI-driven audio, a brilliant display and connectivity that provides a stunning collaboration experience.

HP recommends Windows 10 Pro for business

Lighter than air
- Starting under 1kg[3], the HP Elite Dragonfly G2 provides mobility beyond expectation in an exquisitely crafted x360 touch laptop. Striking finishes and accents highlight the design that incorporates recycled materials including ocean-bound plastics.[5]

Make powerful connections
- Connect from almost anywhere with optional 5G[6] on the incredibly light, compact, and flexible HP Elite Dragonfly G2. Collaborate in any environment with crisp, clear Audio by Bang & Olufsen and an ultrabright display.

Work with peace of mind
- Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

- Driving support for more environmentally conscious products, we use ocean-bound plastics in the speaker enclosure and display bezel on the HP Elite Dragonfly G2 and the outer box packaging is 100-percent sustainably sourced.[5,8]

- Instantly block prying eyes' ability to view your screen with optional HP Sure View Reflect that makes your screen unreadable from the side.[9]

- Never wonder if someone is watching you with the added peace of mind that comes from HP Sure Shutter. This integrated physical shutter is activated by dedicated smartkey on the keyboard to help protect from malicious surveillance.[10]

- AI-based audio tunes headphones for an immersive sound experience specifically tailored to your preferences with HP Sound Calibration. HP Dynamic Audio tunes audio to speech, music, and movies while suppressing background noise.[11,12]

- Capture ideas and annotate documents with the high pressure sensitivity and low activation force of the optional HP Rechargeable Active Pen G3. It even sends a proximity alert if it's left behind.[13]

- Easily clean your device that can be wiped down repeatedly with common household cleaning wipes. HP Easy Clean disables the touchscreen, keyboard, and clickpad at the touch of a button to clean without powering off.[15,16]

- The HP Elite Dragonfly G2 is ready every step of the way with long battery life.

- Your "office" can be where you need it, letting you connect almost anywhere with optional support for up to 5G wireless broadband technology with 4x4 antennas.[6]

- Help speed up demanding business applications with an optional 11th Generation Intel® Core™ processor.[17]

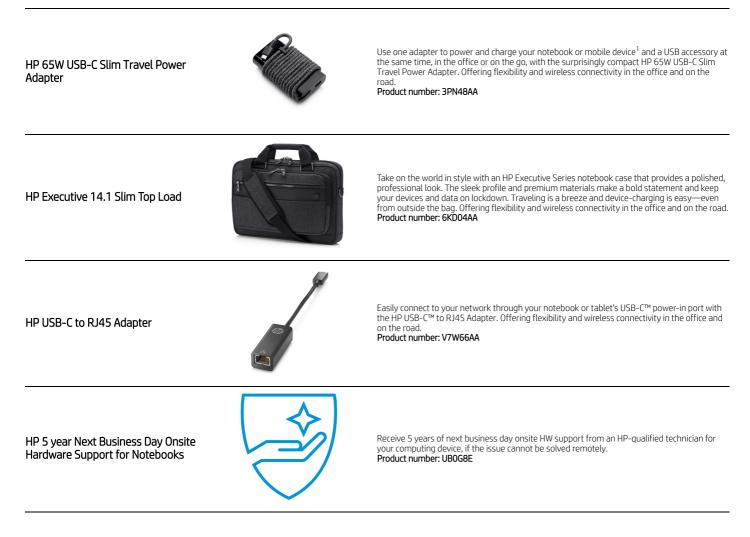# HP Elite Dragonfly G2 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1,2] Windows 10 Home 64[1,2] Windows 10 Home Single Language 64[1,2] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1,2] FreeDOS
Processor family[7]	11th Generation Intel® Core™ i7 processor; 11th Generation Intel® Core™ i5 processor; 11th Generation Intel® Core™ i3 processor
Available Processors[4,5,6,7]	Intel® Core™ i3-1115G4 with Intel® UHD Graphics (up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 2 cores); Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores); Intel® Core™ i5-1145G7 (2.6 GHz base frequency, up to 4.4 GHz frequency with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores), supports Intel® vPro® Technology; Intel® Core™ i7-1185G7 (3.0 GHz base frequency, up to 4.8 GHz frequency with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores), supports Intel® vPro® Technology
Maximum memory	32 GB LPDDR4X-4266 SDRAM [8] Memory soldered down. Supports dual channel memory.
Internal storage	up to 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory H10[9,10] 256 GB up to 2 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC[9] 256 GB up to 512 GB PCIe® Gen3x4 NVMe™ M.2 SED SSD TLC[9] 256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD[9]
Display size (diagonal, metric)	33.8 cm (13.3")
Display	33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, BrightView, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 33.8 cm (13.3") diagonal, FHD (1920 x 1080), IPS, BrightView, 400 nits, low power, 72% NTSC; 33.8 cm (13.3") diagonal, 4K UHD (3840 x 2160), IPS, BrightView, 550 nits, 95% sRGB [15,16,17]
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xe Graphics[15,18]
Audio	Audio by B&O, 4 Premium stereo speakers, multi array world-facing microphone
Wireless technologies	(Compatible with Miracast-certified devices.)
Ports and Connectors	2 Thunderbolt™ 4 with USB4® Type-C® 40Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 HDMI 2.0b[40] (HDMI cable sold separately.) Optional Ports: 1 External Nano SIM slot for WWAN
Input devices	HP Modernized Keyboard – spill-resistant, backlit keyboard with DuraKeys; Glass clickpad with gesture support as default, Microsoft Precision Touchpad;
Communications	Intel® XMM™ 7360 LTE-Advanced Cat 9; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro®; Qualcomm® Snapdragon™ X55 5G Modem ;
Camera	720p HD camera; IR camera [15]
Software	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Wireless Button Driver; Tile™[19,20,21]
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Sense; BIOS Update via Network; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP BIOSphere Gen6; HP Client Security Manager Gen7; Secured-core PC capable[24,25,26,27,28,29,30,31,32,35]
Security Software Licenses	HP Pro Security Edition (select models)HP Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN_US as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP 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." HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from http://www.hp.com/go/clientmanagement.
Fingerprint reader	Fingerprint sensor
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download)[22,23]
Power	HP Smart 65 W USB Type-C® adapter; HP 65 W USB Type-C® slim adapter[36,37]
Battery type	HP Long Life 4-cell, 56.2 Wh Li-ion; HP Long Life 2-cell, 38 Wh Li-ion[36]
Dimensions	30.43 x 19.75 x 1.61 cm
Weight	Starting at 0.99 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable. EPEAT ® registration varies by country. See www.epeat.net for registration status by country.[39]
Sustainable impact specifications	TCO 8.0 Certified
Warranty	3 year (3-3-0) limited warranty and service offering includes 3 years of parts and labor. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP 65W USB-C Slim Travel Power Adapter

Use one adapter to power and charge your notebook or mobile device[1] and a USB accessory at the same time, in the office or on the go, with the surprisingly compact HP 65W USB-C Slim Travel Power Adapter. Offering flexibility and wireless connectivity in the office and on the road.
Product number: 3PN48AA

HP Executive 14.1 Slim Top Load

Take on the world in style with an HP Executive Series notebook case that provides a polished, professional look. The sleek profile and premium materials make a bold statement and keep your devices and data on lockdown. Traveling is a breeze and device-charging is easy—even from outside the bag. Offering flexibility and wireless connectivity in the office and on the road.
Product number: 6KD04AA

HP USB-C to RJ45 Adapter

Easily connect to your network through your notebook or tablet's USB-C™ power-in port with the HP USB-C™ to RJ45 Adapter. Offering flexibility and wireless connectivity in the office and on the road.
Product number: V7W66AA

HP 5 year Next Business Day Onsite Hardware Support for Notebooks

Receive 5 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Product number: UB0G8E

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Messaging Footnotes

[3] Actual weight will vary by configuration. UHD panel, FHD panel with HP Sure View Reflect, WWAN, 4-cell battery, 512GB SSD or higher and 32GB memory not available on configurations starting at less than 1kg.

[4] 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. The specifications for Wi-Fi 6 (802.11ax) are draft 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 devices.

[5] Laptop speaker enclosure and display bezel components made with 5% ocean-bound plastic.

[6] 5G module has an expected availability of March 2021 and is an optional feature that must be configured at purchase. AT&T and T-Mobile networks supported in the U.S. Module designed for 5G networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP, requires activation and separately purchased service contract. 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. 5G not available on all products, in all regions. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select countries, where carrier supported.

[7] Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[8] 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.

[9] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[10] HP Sure Shutter only available PCs equipped with HD or IR camera and must be installed at the factory.

[11] HP Sound Calibration is coming soon and will be delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers when available. Requires Windows 10, analog headset, and setup.

[12] HP Dynamic Audio is coming soon and will be delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers when available. Requires Windows 10, compatible with internal PC speakers and analog headsets.

[13] Sold separately or as an optional feature.

[15] Select household wipes can be safely used to clean HP Elite and Workstation, and HP ProBook 635 Aero PCs up to 1,000 wipes: 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 (http://h20195.www.2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW) not applicable to HP Elite c1030 Chromebook.

[16] HP Easy Clean requires Windows 10 RS3 and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.

[17] 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.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Window. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com/.

[2] HP tested Windows 10, version 1809 on this platform. For testing information on newer versions of Windows 10, please see https://support.hp.com/document/c05195282.

[4] 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.

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

[6] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

[7] 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.

[8] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.

[9] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

[10] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN 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 802.11ac WLAN devices.

[13] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

[14] 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.

[15] HD content required to view HD images.

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

[17] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[18] Intel® Iris® Xᵉ Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xᵉ Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.

[19] HP Connection Optimizer requires Windows 10.

[20] HP Support Assistant requires Windows and Internet access.

[21] Some features require optional subscription to Tile Premium. Tile application for Windows 10 available for download from the Windows Store. Mobile phone app available for download from App Store and Google Play. Requires iOS 11 and greater or Android 6.0 and greater seehttps://support.thetileapp.com/hc/en-us/articles/200424778 for more information. Tile will function as long as the PC has battery power.

[22] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

[23] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[24] 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/

[25] HP Secure Erase 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™.

[26] Firmware TPM is version 2.0.

[27] HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

[28] Windows Defender Opt in and internet connection required for updates.

[29] HP Sure Sense requires Windows 10 Pro or Enterprise.

[30] HP Client Security Manager Gen7 requires Windows and is available on select HP Pro and Elite PCs.

[31] HP Sure Start Gen6 is available on select HP PCs.

[32] Secured-core PC requires an Intel® vPro® or AMD Ryzen™ Pro processor. Requires 8 GB or more system memory. Secured-core PC functionality can be enabled from the factory.

[35] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[36] Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[37] Availability may vary by country.

[38] 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. 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.

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

[40] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[56] HP Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN_US as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP 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." HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from http://www.hp.com/go/clientmanagement.

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