

# HP Elite Dragonfly Max Notebook PC



Be there, from almost anywhere

Designed to provide a stunning collaboration experience, the elegant HP Elite Dragonfly Max features AI-driven crystal-clear audio, a brilliant Eyesafe® display, optional 5G<sup>2</sup> connectivity, and strong security in a highly portable and versatile x360 design.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

## Make powerful connections

- Featuring AI-driven audio software, four wide range microphones, and a 5MP camera, the HP Elite Dragonfly Max is designed specifically for online collaboration. Optional 5G<sup>2</sup> connectivity provides ample bandwidth to connect with colleagues.

## Ultralight, ready to impress

- The HP Elite Dragonfly Max 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.<sup>3</sup>

## Protected by HP Wolf Security

- HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>6</sup>
- Tune your headphone audio for an immersive sound experience specifically tailored to your preferences with HP Sound Calibration. AI-based HP Dynamic Audio calibrates audio to speech, music, and movies.<sup>4,5</sup>
- 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.<sup>7</sup>
- Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera, with a physical shutter to protect from malicious surveillance.<sup>8</sup>
- Instantly block prying eyes' ability to view your screen with HP Sure View Reflect that makes your screen unreadable from the side.<sup>9</sup>
- 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.<sup>10,11</sup>
- Driving support for more environmentally conscious products, we use ocean-bound plastics in the speaker enclosure and display bezel on the HP Elite Dragonfly Max and the outer box packaging is 100 percent sustainably sourced.<sup>3,12</sup>
- 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.<sup>2</sup>
- Help speed up demanding business applications with an 11th Generation Intel® Core™ processor.<sup>13</sup>
- Advanced malware attacks can destroy your OS and disrupt your business. HP Sure Recover with Embedded Reimaging Gen4 ensures fast, secure, and automated recovery—anywhere, anytime—so you can get back to business fast.<sup>14</sup>

## HP Elite Dragonfly Max Notebook PC Specifications Table



\*Product image may differ from actual product

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Operating Systems                            | Windows 11 Pro – HP recommends Windows 11 Pro for business <sup>1</sup><br>Windows 11 Home <sup>1</sup><br>Windows 10 Pro – free upgrade to Windows 11 when available <sup>1</sup><br>Windows 10 Home – free upgrade to Windows 11 when available <sup>1</sup><br>FreeDOS                                                                                                                                                                                                                                                       |
|                                                        | This PC comes with Windows 10 and a free Windows 11 upgrade. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See <a href="https://aka.ms/windows11-spec">aka.ms/windows11-spec</a> .                                                                                                                                                                                                                                                         |
| Processor family <sup>5</sup>                          | 11th Generation Intel® Core™ i7 processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Available Processors <sup>2,3,4,5</sup>                | Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)<br>Intel® Core™ i7-1185G7 (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores), supports Intel® vPro® Technology                                                                                                                                                                                                                                                                                      |
| Display size (diagonal)                                | 13.3"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Maximum memory                                         | 32 GB LPDDR4X-4266 SDRAM <sup>6</sup><br>Memory soldered down. Supports dual channel memory.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Internal storage                                       | 512 GB up to 2 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC <sup>7</sup><br>256 GB PCIe® NVMe™ Value M.2 SSD <sup>7</sup>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Display <sup>12,13,14,33</sup>                         | 13.3" diagonal, FHD (1920 x 1080), touch, BrightView, 1000 nits, 100% sRGB, HP Sure View integrated privacy screen                                                                                                                                                                                                                                                                                                                                                                                                              |
| Available Graphics                                     | Integrated: Intel® Iris® X® Graphics <sup>11</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio                                                  | Audio by Bang & Olufsen, 4 Premium stereo speakers, 2 user-facing multi array microphones and two world-facing microphones                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ports and Connectors                                   | 2 Thunderbolt™ 4 with USB4 Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 HDMI 2.0 <sup>26</sup><br>HDMI cable sold separately.<br>(HDMI cable sold separately.)                                                                                                                                                                                                                                                           |
| Available Keyboards                                    | HP Modernized Keyboard – spill-resistant, backlit keyboard with DuraKeys                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Available Pointing Devices                             | Glass clickpad with gesture support as default, Microsoft Precision Touchpad                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Communications                                         | (Compatible with Miracast-certified devices.)<br>Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®<br>Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro® <sup>8,9,10,32</sup><br>Intel® XMM™ 7360 LTE Advanced CAT 9<br>Qualcomm® Snapdragon™ X55 5G LTE Cat 20                                                                                                                                                                                                                                                |
| Camera                                                 | 5 MP camera; IR camera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Software <sup>15,16,35</sup>                           | HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); HP Power Manager; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile™                                                                                                                                                                           |
| Software support                                       | HP Smart Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Security management <sup>19,20,21,22,23,24,25,27</sup> | Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Sure Sense; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP Sure Admin; HP BIOSphere Gen6                                                                                                                                                                                   |
| Security Software Licenses                             | HP Wolf Pro Security Edition <sup>56</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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) <sup>17,18</sup>                                                                                                                                                                                                                                                                                                                      |
| Power <sup>29</sup>                                    | HP Smart 65 W USB Type-C® adapter; HP 65 W USB Type-C® slim adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Battery type <sup>28,34</sup>                          | HP Long Life 4-cell, 56 Wh Li-ion<br>Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions                                             | 11.98 x 7.78 x 0.63 in; 30.43 x 19.75 x 1.61 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight                                                 | Starting at 2.49 lb; Starting at 1.13 kg (Weight will vary by configuration.)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Energy efficiency compliance                           | ENERGY STAR® certified; EPEAT® 2019 registered where applicable. EPEAT® registration varies by country. See <a href="https://www.epeat.net">www.epeat.net</a> for registration status by country. <sup>31</sup>                                                                                                                                                                                                                                                                                                                 |
| Sustainable Impact specifications <sup>36,37,38</sup>  | Ocean-bound plastic in speaker enclosure and bezel; 10% post-consumer recycled plastic; Low Halogen; Bulk packaging available; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; TCO 8.0 certified                                                                                                                                                                                                                                                                                               |
| Warranty <sup>30</sup>                                 | HP Services offers 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. 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> . |

# HP Elite Dragonfly Max Notebook PC

## Messaging Footnotes

- <sup>1</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>2</sup> 5G module 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.
- <sup>3</sup> Laptop speaker enclosure and display bezel components made with 5% ocean-bound plastic.
- <sup>4</sup> 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.
- <sup>5</sup> 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.
- <sup>6</sup> HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.
- <sup>7</sup> Sold separately or as an optional feature.
- <sup>8</sup> HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
- <sup>9</sup> HP Sure View Reflect integrated privacy screen is designed to function in landscape orientation.
- <sup>10</sup> 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 (<https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW>) not applicable to HP Elite c1030 Chromebook.
- <sup>11</sup> 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.
- <sup>12</sup> 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.
- <sup>13</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>14</sup> HP Sure Recover Gen4 with Embedded Reimaging is an optional feature which requires Windows 10 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

## Technical Specifications 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> 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](http://www.intel.com/technology/turboboost) for more information.
- <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> 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.
- <sup>7</sup> 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.
- <sup>8</sup> 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. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.
- <sup>9</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>10</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>11</sup> Intel® Iris® X® Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X® Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.
- <sup>12</sup> HD content required to view HD images.
- <sup>13</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>14</sup> HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- <sup>15</sup> HP Connection Optimizer requires Windows 10.
- <sup>16</sup> HP Support Assistant requires Windows and Internet access.
- <sup>17</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>18</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>19</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>20</sup> 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™.
- <sup>21</sup> Firmware TPM is version 2.0.
- <sup>22</sup> HP Sure Click requires Windows 10. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>23</sup> HP Sure Sense requires Windows 10 Pro or Enterprise.
- <sup>24</sup> HP Sure Start Gen6 is available on select HP PCs.
- <sup>25</sup> HP Sure Admin requires Windows 10, 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>26</sup> SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
- <sup>27</sup> HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
- <sup>28</sup> 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>29</sup> Availability may vary by country.
- <sup>30</sup> 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/pc](http://www.hp.com/go/pc). 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>31</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>32</sup> 5G module 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.
- <sup>33</sup> Actual brightness will be lower with touch screen or HP Sure View.
- <sup>34</sup> Recharges HP Elite notebooks 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.
- <sup>35</sup> 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.
- <sup>36</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>37</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>38</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- <sup>39</sup> HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. 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 (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("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.
- <sup>37</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>.

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