HP ELITE DRAGONFLY MAX

A PREMIUM PC FOR PROFESSIONAL COLLABORATORS **ENHANCED BY HP PRESENCE**

Featuring AI-driven audio software, four wide range microphones, and a 5MP camera, the HP Elite Dragonfly Max is enhanced by HP Presence technology and designed specifically for online collaboration. Optional 5G[20] connectivity provides ample bandwidth to connect with colleagues.

▸ **Improved video conferencing with a 5MP webcam**

▸ **Reduce eye discomfort with HP Eye Ease, a brilliant EyeSafe® certified display**

▸ **HP Presence Aware[3] uses your PC's proximity sensor to automatically lock or awaken your device**

DESIGNED FOR Collaboration-centric Professionals

NOW WITH HP PRESENCE TECHNOLOGY

Make Powerful Connections

Precisely built with lightweight magnesium, the versatile x360 HP Elite Dragonfly Max has a **5MP webcam** and an ultrabright 13.3" diagonal FHD IPS touchscreen with HP Sure View Reflect. Ensure connectivity from almost anywhere with 5G[20] and gigabit Wi-Fi 6.[15, 16]

NEW Enhanced by HP Presence

HP Auto Frame lets the camera stay focused on you and stay in frame even if you get up to stretch your legs.

Lowlight & Backlight Adjusment lets you look your best on screen no matter the lighting condition

HP Dynamic Audio[8] tunes audio to speech, music, and movies while suppressing background noise.

Audio by Bang & Olufsen, two-way HP Noise Cancellation, four top-firing speakers, and four discrete amps work together to create an immersive sound.

Four wide-range microphones improve inbound ambient noise cancellation while 360º mic pick-up allows to clearly hear and be heard.

Good For You And Our Planet

The HP Elite Dragonfly Max contains ocean-bound plastics in the speaker enclosure and display bezel[5], and the outer box packaging is 100-percent sustainably sourced.[6]

Out-of-the-box Security

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.

- **HP Sure View Reflect** (standard)[9]
- **HP Privacy Camera**[10]
- HP Sure Click[11]
- HP Sure Run Gen4[12]
- HP Sure Recover Gen4[13]
- HP Sure Start Gen6[14]

Built to be paired with HP-branded displays and accessories

RECOMMENDED ACCESSORIES[17]

HP E14 G4 USB Portable Display

HP Rechargeable Active Pen G3

HP 635 Multi-Device Wireless Mouse

HP USB-C Essential Power Bank

HP Elite USB-C Hub

HP Executive 15.6 Backpack

HP ELITE DRAGONFLY MAX

Processor/Chipset	Intel® Core™ i U-Series Quad-Core 13W; i5/i7 Transactional with optional vPro®[1,2]; Modern Standby Connected support
Form Factor	Board Refresh : Ultraslim x360 with 100% touch, ultrathin bezels (4.75mm sides; 10.25mm top; 21mm bottom) Ultra-lightweight CNC Mg materials; Edge-to-edge glass; (Sparkling Black or Dragonfly Blue)
Display/Touch	13.3" diagonal FHD (1920x1080) HP Sure View Reflect IPS touch with Anti-Sparkle, (1000 nits)[32] Ambient Light Sensor (standard) 100% touch (10-Point Multi-touch), Chemically-strengthened Corning® Gorilla® Glass 5, Direct Bond; Wacom Touch/ HP Rechargeable Pen G3[17]
System Memory	16GB/32GB LPDDR4; all memory down, no sockets
Storage Options	Support one M.2 SATA3 and PCIe/NVMe x4 standard and encrypted SSDs; up to 2TB[18]
Power/Battery	56.2WHr battery[28] with long battery life, to be confirmed HP 1000 cycle long life battery,[34] HP Fast Charge[19] (up to 50% in 30 minutes), Overnight Charge support; USB-C® power delivery
Input Devices	HP Quiet Keyboard (1.3mm travel), full-size, spill-resistant, backlit; HP DuraKeys, Integrated lattice, ClickPad, MS PTP; HP Rechargeable Pen G3[17], Programmable Key
Input/Output	1 USB 3.1 G1 (5gbps signaling rate) charging port 2 USB-C® (Thunderbolt™3) 1 HDMI 1.4b 1 Nano SIM
Connectivity Options	Onboard Wi-Fi 6[15,16] (802.11 ax) & Bluetooth® 5.0 LE Combo with Miracast Support[30] Co-layout for CNVi Harrison Peak 2 HP Extended Range Wireless LAN,[31] Optional M.2 WWAN support: 4x4 MIMO[35] LTE Integrated Cat9[33] 5G[20] eSIM support; Ability to assign device specific MAC address[21]
Audio/Multimedia	5MP Webcam + IR Camera with HP Privacy Camera,[10] HP Audio Boost (next gen audio codec) with inbound/outbound noise reduction; discrete amplifiers; Wide-range Mic Array (4 Total, 2 World-Facing and 2 Front-Facing Microphones), HP Bang & Olufsen Audio featuring premium speakers with 76dB and 350 Hz bass roll-off; Auto switching audio channel; HP QuickDrop,[22] HP Sound Calibration[7] tunes audio to match your hearing capabilities, HP Dynamic Audio[8] automatically maximizes audio experience for speech, music, and movies, DNN Noise Suppression helps teams focus while collaborating by reducing background noise
LED Indicators and Discrete Buttons	LED Status Indicators: Power/Standby, Battery Charging Activity, Webcam Keyboard LED Status Indicators: Wireless On/Off, Call Answer, Call End/Decline, Presentation, Microphone Mute, Speaker Mute, Caps Lock Discrete Buttons: System Power On/Off (on side of unit) Ambient Light Sensor, G-Sensor, Accelerometer(In/Out of Bag Detection), Compass, Gyroscope
Security	HP Sure Start Gen6,[14] HP Sure Run Gen4,[12] HP Sure Recover Gen4[13] (onboard eMMC optional), HP Sure View Reflect[9], HP Sure Click,[11] TPM 2.0, Touch fingerprint sensor, HP Privacy Camera,[10] Face recognition with IR camera, Nano Lock Slot, Wake on FPS, Integrated Tile,[4] Intrusion Detection
Manageability and Software	Microsoft Windows 10 Pro 64 preinstall, HP Client Manager, HP MIK,[26] HP Image Assistant, HP Elite Service, HP Global Series Support, HP Custom Integration Services, HP Common Core BIOS, Intel vPro support, HP Global Series, HP QuickDrop,[22] HP WorkWell,[27] HP Easy Clean[25]
Durability and Sustainability	Undergoes 19 MIL-STD 810H tests[23]; HP Total Test Process[24] ENERGY STAR®, EPEAT® Gold in the US[29] Speaker enclosure and display bezel madefrom 45% post-consumer recycled plastic and 5% ocean-bound plastics[5] Keyboard and keycaps made with 50% post-consumer recycled DVDs Outer box packaging is 100% sustainably sourced.[6]
Dimensions	304.3 x 197.5 x 16.1 mm 11.98 x 7.78 x 0.63 in
Weight	Starting at 1.13kg; 2.49lbs

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FOOTNOTES

1. 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.
2. Coming January 2021. The 11th Gen Intel® Core™ i5 and i7 U-Series Quad-Core Processors have optional vPro support.
3. HP Presence Aware requires a proximity sensor that is available on select EliteBooks and requires Windows Hello for authentication.
4. Tile requires Windows 10. 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 see https://support.thetileapp.com/hc/en-us/articles/200424778 for more information. HP Tile will function as long as the PC has battery power.
5. Laptop speaker enclosure and display bezel components made with 5% ocean-bound plastic
6. 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.
7. 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.
8. 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.
9. HP Sure View Reflect integrated privacy screen is designed to function in landscape orientation.
10. HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
11. HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.
12. HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.
13. 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 PC's with Intel Wi-Fi Module.
14. HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.
15. 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 laptop to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
16. Wi-Fi® supporting gigabit data rate 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.
17. Sold separately or as an optional feature.
18. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) is reserved for system recovery software.
19. Recharges your 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.
20. 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.
21. WMI installation required. Requires Windows 10.
22. Requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.
23. MIL STD 810H 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.
24. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
25. 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. Expected availability March 2020.
26. HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.
27. HP WorkWell requires Windows 10, is not available in all countries, and can be downloaded from the Windows Store.
28. 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.
29. Applies to HP PCs, Workstations and Displays manufactured after January 2019. Based on most Gold and Silver EPEAT® registrations by meeting all required criteria and achieving 50-74% of the optional points for EPEAT® Silver and 75-100% of the optional points for EPEAT® Gold according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
30. Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
31. Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
32. Actual brightness will be lower with HP Sure View or touch screen.
33. 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.
34. 3 year limited warranty or 1000 cycles. Battery cycles are the total number of full charge/discharge cycles a battery yields before it can no longer hold a useful amount of charge
35. 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.

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