

# HP ZBook Firefly 16 inch G11 Mobile Workstation PC

Step up performance. Not size



**Pro-level performance combines with true mobility in this amazingly sleek and powerful laptop. Stay productive wherever you're working with integrated or discrete graphics and processor, AI-enhanced webcam and audio, and a stunning display—everything you need to collaborate and manage projects anywhere.**

## Upgrade to pro-level performance

Say goodbye to lags and crashes with fast responsiveness. With up to an Intel® Core™ Ultra 9 CPU with optional Intel vPro®<sup>1,2</sup>, NVIDIA RTX™ A500 Laptop GPU,<sup>3</sup> and 64GB of memory,<sup>4</sup> open large files and run pro apps simultaneously for speedy multitasking.

## Work all day.<sup>6</sup> Anywhere

Starting at 3.88 lbs,<sup>5</sup> our most mobile ZBook is made to move. With a long-lasting battery this sleek yet durable device is small enough to fit in your bag so you can stay productive anywhere. This is high performance workstation power on the go.

## Connect. Communicate. Collaborate

Collaborate effectively wherever you go with ZBook Firefly. The 5MP camera,<sup>7</sup> AI Noise Suppression software<sup>8</sup> to block background noises and Wi-Fi 6E<sup>9</sup> or 5G options<sup>10</sup> let you seamlessly connect from almost anywhere.

## Help protect our shared future with PCs that drive towards increasing sustainability

At HP, we care about the impact our products have on our people, communities, and the planet. That's why this device is EPEAT® Gold registered<sup>12</sup> and the outer box packaging is 100% sustainably sourced<sup>13</sup>.



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## Windows 11

Work without compromising on performance with Windows 11<sup>1</sup> combined with HP's collaboration and security technology.

## Intel® Core™ Ultra Processor<sup>2</sup>

Unleash productivity with a new architecture that delivers power-efficient performance for complex business workloads and is purpose-built for the next era of AI software by sending the right task to the right engine at the right time.

## NVIDIA® Graphics

Tackle your biggest projects with an optional NVIDIA RTX™ A500 Laptop GPU;<sup>4</sup> certified for pro apps.

## Lightning-Fast Storage

Blitz through multiple tasks and ditch external drives with up to 2 TB local NVMe storage<sup>5</sup>.

## Large Memory Configurations

Power through projects with up to 64 GB RAM<sup>6</sup> for fast editing and design.

## OLED Display

With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast and enhanced color than traditional LED screens.<sup>4</sup>

## 16:10 Aspect Ratio

The 16:10 aspect ratio reduces the need to scroll by showing 11% more vertical content than a 16:9 aspect ratio display. See more of your project without minimizing program menus or toolbars.

## Easy Battery Management

Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.<sup>9</sup>

## HP Fast Charge

Long battery life gets you through a day of meetings without plugging in. Quickly recharge your PC with HP Fast Charge. You'll get up to 50% battery life in just 30 minutes of charging.<sup>10</sup>

## Wi-Fi 6E

Get a fast and reliable connection in dense wireless environments with Wi-Fi 6E.<sup>12</sup>

## 5G WWAN

Connect almost anywhere with optional support for up to 5G wireless broadband technology with 4x4 antennas that can deliver fast download and upload speeds.<sup>13</sup>

## 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>15</sup>



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## Specifications Table

<b>Available Operating Systems</b>	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> Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> FreeDOS
<b>Processor family<sup>2,3,4,5,6,47</sup></b>	Intel® Core™ Ultra 5 processor; Intel® Core™ Ultra 7 processor
<b>Available Processors<sup>2,3,4,5,6,36,39,47</sup></b>	Intel® Core™ Ultra 5 135H (up to 3.6 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads) Intel® Core™ Ultra 7 165H (Up to 3.8 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155H (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads) Intel® Core™ Ultra 5 125H (up to 3.6 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads) Intel® Core™ Ultra 7 165U (Up to 3.8 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155U (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 135U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads)
<b>Chipset</b>	Intel® Integrated SoC
<b>Maximum memory</b>	64 GB DDR5-5600 non-ECC SDRAM <sup>8,30</sup>
<b>Memory slots</b>	2 SODIMM; supports dual channel <sup>41</sup>
<b>Internal storage</b>	256 GB up to 2 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SSD <sup>7</sup> 256 GB up to 1 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SED OPAL 2 SSD <sup>7</sup> 256 GB up to 1 TB PCIe® Gen4 x4 NVMe™ M.2 2280 SSD <sup>7</sup>
<b>Display size (diagonal, metric)</b>	40.6 cm (16")
<b>Display<sup>33,37</sup></b>	
<b>Available Graphics</b>	Integrated: Intel® Arc™ Graphics Intel® Graphics <sup>27,28,32,50</sup> Discrete: NVIDIA RTX™ A500 Laptop GPU (4 GB GDDR6 dedicated) <sup>12,32</sup> (Intel® Iris® X <sup>e</sup> Graphics capabilities require system to be configured with Intel® Core™ Ultra 5 or Ultra 7 processors and dual channel memory. Intel® Iris® X <sup>e</sup> Graphics with Intel® Core™ Ultra 5 or Ultra 7 processors and single channel memory will only function as UHD graphics.)
<b>Audio</b>	Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
<b>Memory card device</b>	1 smart card reader (select models)
<b>Ports and connectors</b>	Left side: 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack <sup>25,36,57</sup> ; Right side: 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate ; Optional Ports: 1 External Nano SIM slot for WWAN



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<b>Keyboard</b>	HP Premium Quiet Keyboard – spill-resistant, full-size keyboard with drain and DuraKeys; HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with drain and DuraKeys
<b>Mouse</b>	Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad with gesture support
<b>Communications</b>	WLAN: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® <sup>9</sup> ; WWAN: HP 4000 4G LTE Advanced Pro <sup>9,10</sup> ;
<b>Camera</b>	5MP Camera; IR Camera (optional) <sup>13,14</sup>
<b>Software</b>	Bing Search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Recovery Manager; HP Support Assistant <sup>18</sup> ; HP Native Miracast Support <sup>22</sup> ; HP Connection Optimizer <sup>26</sup> ; myHP <sup>35</sup> ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Programmable Key; HP QuickDrop <sup>55</sup> ; HP Touchpoint Customizer; HP Services Scan <sup>48</sup> ; HP Anyware <sup>21</sup> ; Buy Microsoft Office (Sold separately) <sup>19</sup> ; Copilot in Windows with Copilot key <sup>20</sup>
<b>Security management</b>	HP Sure Click <sup>29</sup> ; HP Secure Erase <sup>40</sup> ; HP Manageability Integration Kit <sup>38</sup> ; HP Sure Sense <sup>34</sup> ; HP BIOSphere Gen6 <sup>24</sup> ; HP Sure Start Gen6 <sup>45</sup> ; MS BitLocker Encryption; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP TPM Configuration Utility; HP Sure Run Gen4 <sup>31</sup> ; HP Client Security Manager Gen7 <sup>44</sup> ; HP Sure Recover Gen4 with Embedded Reimaging <sup>42</sup> ; Secured-core PC capable <sup>32</sup> ; TPM 2.0 Embedded Security Chip; Infineon SLB9670; Camera privacy shutter
<b>Fingerprint reader</b>	Fingerprint reader (select models)
<b>Management features</b>	HP Client Catalog; HP Power Manager <sup>15</sup> ; HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery <sup>56</sup> ; HP Connect for Microsoft Endpoint Manager <sup>46</sup>
<b>Power</b>	HP Smart 65 W External AC USB Type-C® power adapter; HP Smart 100 W External AC USB Type-C® power adapter
<b>Battery type</b>	HP Long Life 3-cell, 56 Wh Li-ion polymer; HP Long Life 6-cell, 76 Wh Li-ion polymer <sup>30</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>23</sup>
<b>Dimensions</b>	35.87 x 25.13 x 1.92 cm; 552 x 69 x 345 mm (Package)
<b>Weight</b>	Starting at 1.79 kg; (Weight varies by configuration and components.)
<b>Ecolabels</b>	EPEAT® registered configurations available <sup>16</sup>
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; External power supply 90% efficiency; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable <sup>17,51,52,53,54</sup>



