

# HP ZBook Firefly 15.6 inch G8 Mobile Workstation PC

### ZBook performance, more mobile than ever.

Our lightest 15.6" ZBook provides true mobility for people who push the typical business PC past its breaking point. In the office or in the field, with pro-level performance and a full-size numeric keypad, you have everything to review work and manage projects from anywhere.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

### Manage it on the move

 Starting at just 3.78 lbs<sup>1</sup> our most mobile 15" ZBook is made to move. With 3X faster Wi-Fi<sup>@2</sup>, gigabit-class 5G<sup>3</sup> and better battery life<sup>4</sup>, you're equipped for days offsite. HP SureView Reflect privacy screen guards private information from prying eyes.<sup>5</sup>

#### Pro-level performance. To go.

 Say goodbye to slowdowns and power through projects and heavy workloads with the 11th Intel<sup>®</sup> Core<sup>™</sup> processors and NVIDIA<sup>®</sup> T500 graphics, certified for pro apps. Open large files and run apps simultaneously for speedy multitasking and productivity.

### Upgrade to a modern viewing experience

- Enjoy beautiful visuals even in direct light with a super-bright 400 nit 4K UHD display<sup>6</sup>. Images are
  more detailed and require less panning and zooming<sup>7</sup>. All this in a modern, slim-bezel design that
  maximizes your viewing area.
- Work anywhere without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.  $^8$
- Open large files and run apps simultaneously for speedy multitasking and productivity with the NVIDIA® T500 graphics with 4GB of video memory.
- Bring your ideas to life quickly and effectively with the latest 11th gen quad-core Intel<sup>®</sup> Core™ processors with up to 4.7 GHz of acceleration when you need it most.<sup>9</sup>
- Strenuously tested to meet ISV certification and deliver superb performance and support with leading software providers, including Autodesk.<sup>10</sup>
- Have confidence with the HP's most secure mobile workstations. Instantly protect against visual hacking with HP Sure View Reflect, and defend against firmware and malware attacks with HP Sure Start, HP Sure Sense, and HP Tamper Lock intrusion detection sensor.<sup>11,12,13</sup>
- Built with the environment in mind, this ZBook includes recycled ocean-bound plastics, recycled aluminum, plastic-free packaging, and ultra-efficient power consumption.<sup>14</sup>
- The keyboard has been re-imagined with rubber domes, an ambient light-sensing backlight and a quiet clickpad for a more comfortable, intuitive, and quiet experience.
- Designed for ultimate durability, this ZBook undergoes 19 brutal MIL-STD 810H tests to help ensure this PC keeps rolling through your workday.<sup>15</sup>
- Plug in to greater connectivity at your desktop with the HP Thunderbolt Dock for lightning-fast Thunderbolt™ 4 transfers and the flexibility to run up to two external 4K displays.<sup>16,17,18</sup>
- 170 degree clamshell hinges lay almost flat, for easy collaboration and comfortable viewing at every angle.
- No need to risk riding someone else's network when you have your own. Optional 5G leverages the SIM card from your wireless provider for enhanced security. <sup>19</sup>
- A completely revamped standby system means you're ready to work the moment inspiration strikes. With no sleep mode and no off mode, the modern standby keeps your rig connected and on demand whenever you need it.

### HP ZBook Firefly 15.6 inch G8 Mobile Workstation PC Specifications Table



## HP ZBook Firefly 15.6 inch G8 Mobile Workstation PC

#### Messaging Footnotes

<sup>1</sup> Weight will vary by configuration.
<sup>2</sup> Based on Wi-Fi S 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11 ax (Wi-Fi 6). Only available in countries where 802.11 ax (Supported, Wireless access point and internet service required and sold separately, valiability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 systems. The specifications for Wi-Fi 6 (802.11 ax) 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 802.11 ax devices.

Inflat in the interspectications of the draft specifications, it may alrect the adulty of the hotebook to confination and with each of the devices. 3 Gigabit Cases Category 16 46 (TE module is optional and must be configured at the factory. Module designed for up to 1 Cbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 36 technologies. 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. 4 UFE not available on all products, in all regions. <sup>4</sup> When compared to HP ZBook 15u G6 <sup>5</sup> HP Survive Reflect is an optional feature, requires factory configuration and is designed to operate in landscape orientation. <sup>6</sup> 4X UHD display is an optional feature, requires for coverage. <sup>7</sup> When compared to standard FHD displays.

<sup>8</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 10 is automatically updated.

<sup>1</sup> Not all teatures 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 10 is automatically updated, which is always enabled. USP fees may apply and additional requirements may apply over time for updates. See thirty//www.windows.com .
<sup>9</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. Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configurations. See www.intel.com/technology/turboboost for more information. \*
<sup>10</sup> Autodesk software soft separately.
<sup>11</sup> HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase.
<sup>12</sup> Use use the Cong is anylish one collect MDC. with Intel Turbo Boost technology is a PC.

<sup>11</sup> HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase.
 <sup>12</sup> HP Sure Start Gen7 is available on select HP PCs with Intel processors. See product specifications for availability.
 <sup>13</sup> HP Sure Sense requires Windows 10. See product specifications for availability.
 <sup>14</sup> Speaker enclosure component made with 5% ocean bound plastic as of 2/3/2020. Uses 75% recycled Aluminum 6063 (architectural aluminum) – A Cover (lid), uses 50% recycled Aluminum 5052 (appliance aluminum) – C & D Cover (keyboard deck & Bottom).
 <sup>15</sup> Testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) 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>16</sup> HP Thunderbolt Dock with Thunderbolt<sup>17</sup> a Sold separately.
 <sup>17</sup> External displays sold separately.
 <sup>18</sup> Ontional Hovind draphics is required to run up to two external 4K displays.

<sup>18</sup> Optional hybrid graphics is required to run up to two external 4K displays.

<sup>19</sup> 5G is an optional feature, requires separately purchased service contract, and configuration at purchase. 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.

#### **Technical Specifications Footnotes**

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.
 Processor speed denotes maximum performance workey denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
 Intel<sup>®</sup> Turbo Boost performance workey denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
 Intel<sup>®</sup> Turbo Boost performance workey denotes maximum performance workey denotes maximum performance workey denotes moving and overall system configurations. See www.intel.com/technology/turboboost for more information.
 In accordance with Microsoft 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.
 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. It = 1 trillion bytes. Ta = 1 trillion bytes. Ta = 1 trillion bytes. The Est shard# 3082 and Giab disk is reserved for system recovery software.
 For storage drives, GB = 1 billion bytes. Ta = 1 trillion bytes. Actual formated capacity is less. Up to 3566 disk is reserved for system recovery software.
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<sup>8</sup> The term <sup>\*</sup>10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

<sup>110</sup> Wineles 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 (802.11 ax) 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 802.11 ax devices. Only available in countries where 802.11 ax is supported. <sup>10</sup> WWAN is an optional feature and requires factory configuration and 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 in all products, and in all regions.

other factors. 4G LTE not available on all products, and in all regions.
<sup>11</sup> UHD content required to view UHD images.
<sup>12</sup> Both UMA & Discrete configurations support 3 independent displays when on the HP UltraSIm Dock (sold separately) - Max. resolution = 2.5K @60Hz (DP1) & 2.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 2.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 2.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 2.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resolution = 0.5K @60Hz (DP2) & FHD (VGA) (sold separately) - Max. resol

<sup>18</sup> HP Support Assistant - Internet access required.

<sup>10</sup> HP Support Assistant - Internet access required.
 <sup>10</sup> HP Zonttal Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of Zentral Remote Boost Software Support is required. RGS requires Windows, RHEL (7 or 8), UBUNTU 18.04 LTS, or HP ThinPro 7 operating systems. MacOS (10.13 or newer) operating system is only supported on the receiver side. Requires network access. The software is available for download at htp://www.Boost.
 <sup>22</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.
 <sup>24</sup> HP Brömmen e Advisor Software. Learn more or download at https://www.81,pcom/Usen/Workstations/performance-advisor.html
 <sup>24</sup> HP BlSphere Genfi requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

<sup>14</sup> HP Subsprier Gebit Sequires Windows 10 and is available on select HP Pro and Elite PCS. Features may vary depending on the platform and configurations.
<sup>26</sup> HP Support HD decode, DX12, HDMI 1.4, HDCP 2.2 via DP up to 4K @ 60Hz and via HDMI up to 4K @ 30Hz
<sup>27</sup> Support HD decode, DX12, HDMI 1.4, HDCP 2.2 via DP up to 4K @ 60Hz and via HDMI up to 4K @ 30Hz
<sup>28</sup> Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs
<sup>30</sup> Supports HD Fast Charge Technology
<sup>31</sup> 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.
<sup>23</sup> HD Supp (Win Geb) storage factory devices 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.
<sup>23</sup> HD Sup (Win Geb) storage factory devices 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.
<sup>23</sup> HD Sup (Wing Geb) storage factory.

<sup>33</sup> HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation

<sup>24</sup> HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>24</sup> HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>25</sup> HP Source Terminal Screen Privacy Screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>26</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>34</sup>.
 <sup>27</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
 <sup>28</sup> HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
 <sup>29</sup> HP Sure Sere requires Windows 10.
 <sup>20</sup> HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.
 <sup>40</sup> HP Campare Loca For an integrate Windows 10.

<sup>41</sup> HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.

<sup>44</sup> HP Sure Reverse 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.
 <sup>43</sup> HP Sure Reverse 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.
 <sup>43</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>44</sup> HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
 <sup>45</sup> HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.
 <sup>46</sup> HP Sure Click requires Windows 10 and supports Microsoft Internet Explorer, Google Chrome<sup>34</sup>, and Chromium<sup>34</sup>. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are instance.

installed. 47 Gigabit class Category 16 4G LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased

<sup>44</sup> Olgabilit Class Category 16 46 LTE module is optional and must be complianded at the factory. Moolule designed for up to 1 Loops download speeds as carriers deploy 5 carrier aggregation and 100/mix2 channel bandwidth, requires activation and separately purchas service contract. Backwards compabilite to 155PA 36 technologies. 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 fact 46 LTE not available on all products, in all regions.
 <sup>48</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
 <sup>49</sup> Web-only Support
 <sup>50</sup> Intel<sup>®</sup> Optione<sup>™</sup> nemotry system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel<sup>®</sup> Core<sup>™</sup> processor, BIOS version with Intel<sup>®</sup> Optione<sup>™</sup> supported, Windows 10 64-bit, and an Intel<sup>®</sup> Rapid Storage Technology.

(Intel® RST) driver <sup>51</sup> Percentage of ocean-bound plastic contained in each component varies by product

<sup>12</sup> Percentage of ocean-bound plastic contained in each component varies by product.
 <sup>23</sup> Faceviced plastic content preventage is based on the definition set in the IEEE T680.1-2018 standard.
 <sup>23</sup> Fiber cushions made from 100% recycled wood fiber and organic materials.
 <sup>24</sup> ToD% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
 <sup>25</sup> FIP Quick Drop 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.

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