# HP ZBook Studio 15.6 inch G8 Mobile Workstation PC

# Power to free the creative mind

From keyboard to screen, every aspect of our ZBook Studio is designed for performance workflows. Render or visualize in real time, collaborate remotely, and even game from anywhere. With all this power engineered into such a small package, finally, there's one device for everything you do.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

### Power-packed for the work you do

 With up to NVIDIA RTX<sup>™</sup> A5000 or NVIDIA<sup>®</sup> GeForce RTX<sup>™</sup> 3080 laptop GPUs<sup>1</sup> and Intel<sup>®</sup> Core<sup>™</sup> i9 vPro<sup>®</sup> CPUs<sup>1,3,8</sup> you can animate in seconds and render or visualize in real time. Plus, with ZCentral Remote Boost share your power when teammates need a boost.<sup>2</sup>

#### A transformative visual experience

 Have confidence in what you see on screen. The HP DreamColor Display with 100% DCI-P3 coverage gives you complete color accuracy. Now with a 120 Hz refresh rate you get smooth motion for high-speed videos, animation, and gaming.<sup>4</sup>

#### Thin, light and designed to perform anywhere

- At less than 4lbs,<sup>5</sup> with long-lasting battery life and built-in noise suppression, this sleek PC is designed so you can work and game from anywhere. Need to stay in the zone? Speakers custom tuned by Bang and Olufsen surround you in rich audio.
- Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.
- NVIDIA RTX<sup>TM</sup> professional GPUs deliver the performance professionals need and the flexibility to work from anywhere in a compact form factor.<sup>1</sup>
- Experience high-end visualization and seamlessly render your biggest projects with the next generation NVIDIA® GeForce RTX™ graphics.<sup>1</sup>
- Take multitasking to the next level with Intel<sup>®</sup> Core<sup>™</sup> i9 vPro<sup>®</sup> processors<sup>1,3,8</sup> designed to handle complex, multithreaded apps like Adobe Premiere Pro<sup>®</sup>, and you can boost your speed on single threaded apps like Autodesk<sup>®</sup> 3ds Max<sup>®9</sup>
- Power through projects with up to 32 GB RAM<sup>10</sup> for fast rendering, editing and simulating.
- Blitz through multiple tasks and ditch external drives with up to 2 TB local NVMe storage.<sup>11,12</sup>
- Speakers custom tuned by Bang and Olufsen surround you in a rich sound space so you hear music the way the audio engineers intended.
- Connect to everything you need with a wide-range of connectivity options: Dual USB-C<sup>®</sup> Thunderbolt™, HDMI,<sup>13,14</sup> mini DisplayPort<sup>™</sup>,<sup>15,16</sup> USB 3.0 charging port, headphone jack, and AC port.
- Get 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.
- Transfer files over Wi-Fi<sup>®</sup> up to 3x faster with Wi-Fi 6<sup>17</sup>



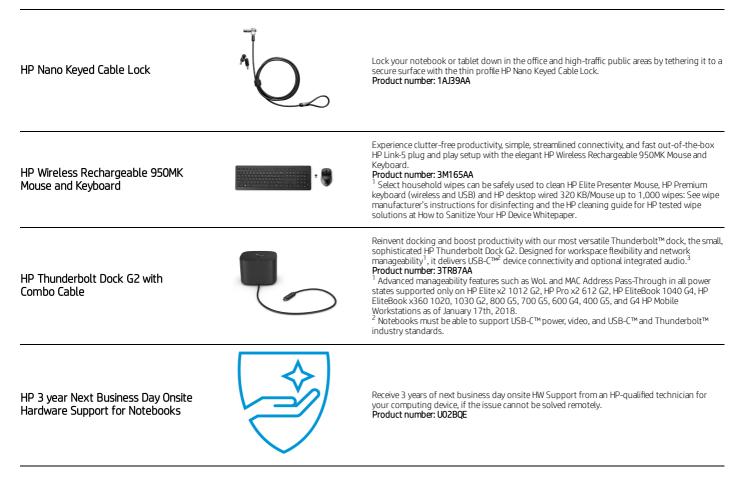
### HP ZBook Studio 15.6 inch G8 Mobile Workstation PC Specifications Table



AvailableOperating Systems	Windows 10 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 10 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 10 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> Ubuntu 20.04 <sup>26</sup> FreeDOS 3.0 (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features requires pecific hardware (see Windows 11 Specifications).)
Processor family <sup>3,4,5,6,11</sup>	11th Generation httl®Core™17 processor, 11th Generation httl®Core™19 processor
Available Processors <sup>3,4,5,6,11</sup>	Intel®Core™ 17-11800H with Intel®UHD Graphics (2.3 GHz basefrequency, up to 4.6 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel®Core™ 17-11850H with Intel® UHD Graphics (2.5 GHz basefrequency, up to 4.8 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores), supports Intel®VPro®Technology, Intel®Core™ 9-11900H with Intel® UHD Graphics (2.5 GHz basefrequency, up to 4.9 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel®Core™ 9-11950H with Intel®UHD Graphics (2.6 GHz base frequency, UHD Graphics (2.5 GHz basefrequency, up to 4.9 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel®Core™ 9-11950H with Intel®UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel®Core™ 9-11950H with Intel®UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel®Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel®Core™ 9-11950H with Intel®UHD Graphics (2.6 GHz base frequency,
Productcolour	Turbo Silver
Maximum memory	32 GB DDR4-3200 non-ECC SDRAM <sup>8.9</sup> Memory soldered down. Supports dual channel memory.
Internal storage	256 GB up to 2 TB PCle® Gen 3 x 4 NVMe™ M.2 SSD <sup>10</sup> up to 512 GB PCle® NVMe™ M.2 SED SSD <sup>10</sup>
Display size (diagonal, metric)	39.6 cm (15.6")
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, low power, 72% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 39.6 cm (15.6") diagonal, 4K UHD (3840 x 2160), 120 Hz, IPS, anti-glare, 600 nits, HDR 400, 100% DCI-P3, HP Dream Color; 39.6 cm (15.6") diagonal, 4K UHD (3840 x 2160), OLED, multitouch-enabled, UWVA, Bright View, Coming® Gorilla® Glass 5, 400 nits, 100% DCI-P3 <sup>7,15,16,25,27,29</sup>
AvailableGraphics	Integrated: Intel <sup>®</sup> Irs <sup>®</sup> X <sup>®</sup> Graphics <sup>18,19,20,21,22,32</sup> Discrete: NVIDA <sup>®</sup> GeForceRTX <sup>™</sup> 3060 (6 GB GDDR6 dedicated); NVIDA <sup>®</sup> GeForceRTX <sup>™</sup> 3070 (8 GB GDDR6 dedicated); NVIDA <sup>®</sup> GeForceRTX <sup>™</sup> 3080 (16 GB GDDR6 dedicated); NVIDA <sup>®</sup> T1 200 (4 GB GDDR6 dedicated); NVIDARTX <sup>™</sup> A2000 (4 GB GDDR6 dedicated); NVIDARTX <sup>™</sup> A3000 (6 GB GDDR6 dedicated); NVIDARTX <sup>™</sup> A4000 (8 GB GDDR6 dedicated); NVIDARTX <sup>™</sup> A5000 (16 GB GDDR6 dedicated) <sup>12,13,18,21,22,350,52</sup>
Audio	Audio by Bang & Olufsen, stereo speakers (2 tweeters & 2 woofers), HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 150Hz Bass Roll off
Memory card device	1 SD 7.0 media card reader
Ports and Connectors	Left side: 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 nano security lock slo <sup>12,13</sup> ; Right side: 1 power connector; 1 MiniDisplayPort™ 1.4; 2 T hunderbolt™ 4 with USB4™ Type-C®40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) <sup>54,56</sup> ; (MiniDisplayport and HDMIrestrictions to Graphics cards are noted in Footnote54 and Footnote56); Optional Ports: 1 HDMI2.0
Inputdevices	HP Z Command Keyboard – spil-resistant, full-size, backlit keyboard with drain and DuraKeys; HP Premium Quiet Keyboard – spil-resistant, full-size, backlit keyboard with drain and DuraKeys; HP RGB Keyboard - Full-size, per-key RGB backlit keyboard <sup>24</sup> ; Clickpad with image sensor and glass surface supporting multi-touch gestures and taps;
Communications	WLAN: httd®Wi-Fi6 AX201 (2x2) and Bluetooth®5.2 wireless card, vPro® httd®Wi-Fi6 AX201 (2x2) and Bluetooth®5.2 wireless card, non-vPro®;
Camera	720p HD R camera <sup>16,17</sup>
Software	Bing search for E11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP Z Central Remote Boost 2020 Software for Z workstation; Tile <sup>M</sup> Application; Windows 10 Cloud Recovery Client; 1-month Adobe® free trial offer; <sup>30,33,51,55,57,58</sup>
Availablesoftware	HP Smart Support
Securitymanagement	Absolutepersistencemodule; HP DeviceAccess Manage; HP PowerOn Authentication; Trusted Platform Module TPM 2.0 Embedded Security Chip; Master Boot Record security. Pre-boot authentication; HP Sure Click; Windows Defender; HP SecureErase; HP Manageability Integration Kit; HP SureSense; HP BIOSphereGen6; HP SureStart Gen6; HP SureAdmin; HP Image Assistant; MS Biotocker Encryption; Nano Security Lock Slot; HP SureRecover Gen4; HP SureRun Gen4; HP Client Security Manager Gen7; HP SureRecover Gen4 with Embedded Reimaging; <sup>34,35,36,37,38,39,40,41,42,43,49</sup>
Fingerprint reader	Fingerprint reader (select models)
Power	HP Smart 150 W External AC Power Adapter; HP SI im Smart 200 W External AC Power Adapter <sup>48</sup>
Battery type	HP Long Life6-cell, 83 Wh Li-ion polyme <sup>26,47</sup>
Batterylife	Up to 9 hours and 30 minutes <sup>44</sup>
Battery recharge time	Supports battery HP fast charge: approximately 50% in 30 minutes
Dimensions	35.4 x 23.46 x 1.79 cm (non-touch); 35.4 x 23.46 x 1.75 cm (touch)
Weight	Starting at 1.79 kg; (Weight varies by configuration and components.)
Ecolabels	ENERGY STAR® certified; EPEAT® Gold registered in US <sup>45</sup>
Sustainableimpactspecifications	Low halogen <sup>46</sup>
Warranty	3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## HP ZBook Studio 15.6 inch G8 Mobile Workstation PC

### Accessories and services (not included)



### HP ZBook Studio 15.6 inch G8 Mobile Workstation PC

#### Messaging Footnotes

<sup>1</sup> Optional, configurable feature that must be configured at purchase <sup>2</sup> HP ZCentral RemoteBoost Sender does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase through 2022. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral RemoteBoost Software Support is required. ZCentral RemoteBoost Software Support is required. ZCentral RemoteBoost Software Support is required. JCentral RemoteBoost Software Support is required. JCentral RemoteBoost Software Support is required. JCentral RemoteBoost Software is not postering systems and Windows 10, 70 8), or UBURTU 18.04 or 20.04 UT So portaing systems. mac SOF 10.14 or newer 0) operating system and ThinPro 7.2 are only supported on the receiver side. Requirements envices for the receiver side and run envices. The software is available for download at the p.com/ZCentral RemoteBoost. <sup>3</sup> For full hell® vPro @functionality, Windows 10 Pro 64 bit, avPro supported processor, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro

http://intel.com/pro <sup>4</sup> Oream Color is an optional feature that must be configured at purchase. <sup>5</sup> Starting at weight. Weight will vary with configuration. <sup>8</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. Ital's numbering, branding and brinaming is not a measurement of higher performance. <sup>9</sup> Adobe Permiere Pro® and Autodesk® 3d Ma® sold segarately. <sup>10</sup> Up to 32GB memory is an optional feature that must be configured at purchase. <sup>11</sup> Forhard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

 <sup>11</sup> Formad Grives, GB = 1 billion bytes. IB = 1 trillion bytes. Actual formatted capacity is less. Up to 3006B (for Windows 10) of system disks reserved for system recovery software.
 <sup>12</sup> Optional, configurable feature
 <sup>13</sup> HDMIcables are sold separately.
 <sup>14</sup> HDMIPortis only available on configurations with integrated graphics or Nvidia Quadro T-Series graphics.
 <sup>15</sup> MinDisplayPort cables are sold separately.
 <sup>16</sup> MinDisplayPort cables are sold separately.
 <sup>17</sup> MinDisplayPort conly available on configurations with NVIDIA RTX-Series graphics.
 <sup>17</sup> MinDisplayPort conly available on configurations with NVIDIA RTX-Series graphics.
 <sup>17</sup> WinFiG offers up to 3x faster file transfer speeds than Wi-Fi® S Based on Wi-Fi® supports 802.11ax (Wi-Fi6). Only available in countries where 802.11ax is supported.

#### Technical Specifications Footnotes

<sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and *br* 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. FP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
<sup>3</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
<sup>4</sup> htte<sup>®</sup> Turbo Boost performance varies depending on hardware; software and overall system configuration. See www.intet.com/technology/turboboost for more information.

<sup>5</sup> h 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

<sup>2</sup> If accordance with integrate with the soft support point, in-point of support to the windows of windows / operating system on products compared with the and AMD / in generation and toward processors of provide any windows of windows / otwers in the first, integrate with the and AMD / in generation and toward processors of provide any windows of windows / otwers in the first, integrate with the and AMD / in generation and toward processors of provide any windows of windows / otwers in the integrate with the and AMD / in generation and toward processors of provide any windows of windows / otwers in the integrate with the and AMD / in generation and toward processors of provide any windows of windows / otwers in the integrate with the support. The compared with the support to the integrate with the super toward integrate with the super view or touch-screen.

<sup>7</sup> Actual brightness will be lower with HP Sure View or touch-screen.
8 Memory is soldered down and not pag addeable.
9 Memory configuration may be limited to specific CPU / GPU Configurations.
10 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Ta Lutal formatted capacity is less. Up to 35GB (for Windows) is reserved for system recovery software.
11 Portsorage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Ta Lutal formatted capacity is less. Up to 35GB (for Windows) is reserved for system recovery software.
11 Portsorage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB (for Windows) is reserved for system recovery software.
11 Public: Our orks with Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics is and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Intel(n) is XeGraphics. Note: For Nvida Discrete Graphics and Inte

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.

that specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11 ax devices. Unly available in countries where 802.11 ax is supported. <sup>15</sup> UHD content required to view HD images. <sup>17</sup> Windows Hello face authentication utilizes a cameraspecially configured for near infrared (R) imaging to authenticate and unlock Windows devices as well as unlock your Microsoft Passport. <sup>18</sup> Both UMA and Discrete configurations support 4 independent displays (both Intel and NVIDIA Graphic cards, UMA/DIS mode need to closelid or only 3 displays max are supported externally. Max. resolution = 4K @60Hz (DP1) & 2.5K @60Hz (DP2) & FHD (VGA) OR 4K @60Hz (one DP Port) & 4K @60Hz (Type - C output port using a Type C- to-DP adapter). <sup>19</sup> Intel GPU and NVDIN<sup>®</sup> T1200 Laptop GPU. Support HD decode, DX12, HDMI2.0, DP 1.4, HDCP 2.2 via DP up to 5K @60Hz(W/b DSC) or 8K @60(With DSC) and via HDMIup to 4K @ 60Hz <sup>20</sup> C brand via diven grame and (Multico a stort marging) and content and content

<sup>20</sup> Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video perfo mance is not available for other use by other

<sup>21</sup> HDMIcable Sold Separately

<sup>21</sup> HDMrcable Sold Separately.
 <sup>22</sup> GPU configurations may be limited to specific GPU/Memory Configurations
 <sup>23</sup> HDD Cable Sold Separately.
 <sup>24</sup> HDD Cable Sold Separately.
 <sup>24</sup> HD Z Command Keyboard only available in the US.
 <sup>25</sup> HP Sure View is optional and must be configured at purchase. It operates in landscape orientation.
 <sup>26</sup> Attual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shell life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
 <sup>27</sup> Display options may be limited to specific CPU/GPU Configurations.
 <sup>28</sup> Not all features are available in all editions a reurismos of Ubuntu. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS to take full advantage of Ubuntu functionality. Ubuntu may beautomatically updated. SP faces may ann/wand ardifitional requirements may ann/wand and the source may ann/wand ardifitional requirements may ann/wand ardifitional requirements may ann/wand and the source may and wanted sold and and the source may and wanted and the source may and wanted and the source may ann/wand the source may ann/wand the source may and wanted the source ma

<sup>62</sup> Not all reduces are available in all edutions of versions of Ubuntu. Systems may require up grade and or separately purchased hardware, drivers, software or BUS to take full advantage of Ubuntu functionality. Ubuntu may beautomatically up dates.
<sup>29</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
<sup>30</sup> HP Z entral Remote Boost Sender does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase through 2022. With non-Z sender devices, purchase of perpetual individual licenseor perpetual floating license per simultaneously executing versions and purchase of Software Support is required. Z central Remote Boost Sender for non-Z Hardware requires alicense and Windows 10, RHEL/CentOS (7 or 8), or UBUNTU 18.04 or 20.04 US operating systems. maxOS (10.14 or newer) operating system and ThinPro 7.2 areonly supported on the receiver side. Requires network access. The software is available for download at hp. com/Z entral RemoteBoost.
<sup>31</sup> Winzast is awireless technology your PC can use to project yourscreen to TVs, projectors, and streaming mediaplayers that also support Miracast. You can use Miracast to share what you're doing on your PC and present as lide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-sc iracast

32 Others NVIDA dGPU: Support HD decode, DX12, HDMI2.1, DP 1.4, HDCP 2.3 via DP up to 5K@60Hz(W, b DSC) or 8K@60(With DSC and requires 2 display heads) and via HDMIup to 8K @ 60Hz(With DSC and requires 2 display heads)

http://windows.microsoft.com/en-us/windows-B/project-wireless-screen-micrast. 32 Others NWD dGPU: Support HD decode, DX12, HDNE 1, HDCP 2. 3 viaDP up to SK@60H2(W & DSC) or 8K@60(W th DSC and requires 2 displayheads) and viaHDMIup to 8K @ 60H2(W th DSC and requires 2 displayheads) 33 PH D Connection Optimizer requires Windows 10. 34 PH B/CSD, Here Gens requires Windows and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations 35 Absolute agents shipped turned off, and will be activated when customers activate apurchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee's all milled waranty. Cetain conditions apply. For full details visit, http://www.absolute.com/company/lega/agreements.domputrace-agreement. Data Detelete an optional service provided by AbsoluteSoftware. 34 PB DSIGNet Bits http:rgine Windows and is available on select HP PCs and requires Windows 10. 35 PB Vanageability http:rgine Gen 7 requires Windows 10. 39 PLD cients Centry Manage Gen 7 requires Windows 10 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP SureRecover to avoid loss of data. Network based recovery using Wi-Fils only available on PCs with Intel Wi-FiModule. 40 HP SureRecover Gen 4th IW-FiModule. 41 HP SureRecover Gen 4th IW-FiModule. 42 HP SureClickrequires Windows 10. Stored HP Cites, J/DE V/DPLTGA\_SureClick for complete details 41 HP SureRecover Gen 4th IW-FiModule. 42 HP SureClickrequires Windows 10. Stored HP Cites, J/DE V/DPLTGA\_SureClick for complete details 41 HP SureRecover Gen 4th IW-FiModule. 43 HP SureStart Gen 6 available on PCs with Intel Wi-FiModule. 44 HP SureClickrequires Windows 10. Stored HP Cites, J/DE V/DPLTGA\_SureClick for complete details 43 HP SureStart Gen 6 available on Select HP PCs and requires Windows 10. 44 Battery filter visit J/DE V/DPL

 <sup>40</sup> I SOW Power Adapter is not available with Nvids RTX<sup>™</sup> A3000 or higher configurations
 <sup>40</sup> HP Sure Admin requires Windows 10, HP BDS, HP Manageability hietgraviton Kit room http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Applestore.
 <sup>50</sup> NVDM® GeForceRTX<sup>™</sup> 3060 graphics and NVDM® GeForceRTX<sup>™</sup> 3080 graphics options available in 2nd half of 2021
 <sup>51</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 clean.
 <sup>52</sup> NVDA RTX<sup>™</sup> A5000 graphics potion available in 2nd half of 2021
 <sup>53</sup> Based on US EPEA 1<sup>47</sup> ergistration according to EEE 1680.1-2018 EPEA 1<sup>6</sup>. Status varies by country. Visit www.epeat.net for more information.
 <sup>54</sup> HDM2.1 for selectmodels NVDA<sup>®</sup> T100 Supports HDM12.0 and NVDA RTX<sup>™</sup> A2000 Supports HDM12.1
 <sup>55</sup> HDQ LickDrop 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 *br* an iOS device (phone or tablet) running in the with the eith P QuickDrop app. iOS 12 or higher with the iOS HP QuickDrop app

56 MiniDisplayPort 1.4 for select models NVIDIA RTX™ A2000, NVIDIA RTX™ A3000, NVIDIA RTX™ A4000, NVIDIA RTX™ A5000, NVIDIA® GeForce RTX™ 3060, NVIDIA® GeForce RTX™ 3070, NVIDIA® GeForce RTX™ 3080

<sup>25</sup> MinibiplayPort 1.4 torselect models MVDIA RTX<sup>™</sup> A2000, NVDIA RTX<sup>™</sup> A3000, NVDIA RTX<sup>™</sup> A5000, NVDIA<sup>®</sup> (GenceRTX<sup>™</sup> 3060, NVDIA<sup>®</sup> (GenceRTX<sup>™</sup> 3070, NVDIA<sup>®</sup> (GenceRTX<sup>®</sup> (G Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW. <sup>59</sup> SD 7.0 media reader supports SD 4.0 cards at SD 3.0 speeds with any SD 7.0 host. SD 7.0 card availability is expected later in 2021

### Sign up for updates hp.com/go/getupdated

© Copyright 2023 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C<sup>®</sup> and USB-C<sup>®</sup> are registered trademarks of USB Implementers Forum. DisplayPort<sup>™</sup> and the DisplayPort<sup>™</sup> logo are trademarks owned by the Video Electronics Standards Association (VESA<sup>®</sup>) in the United States and other countries. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

