

# HP ProBook 635 Aero G8 Notebook PC



## Easy to carry, and ready for business

Starting at less than 1kg<sup>4</sup>, the HP ProBook 635 Aero can go everywhere with you without weighing you down. With a sleek design, powerful business security, and connectivity this stunning business laptop keeps users productive around the home or office.



HP recommends Windows 10 Pro for business

### Take it anywhere

- With configurations starting under 1kg<sup>4</sup> and long battery life, this easy to carry business laptop helps keep users connected and productive in the office or when working from home with optional 4G.<sup>5</sup>

### Fast and responsive performance

- The HP ProBook 635 Aero is equipped with the latest AMD Ryzen™ processor<sup>2</sup> and has connected modern standby to get you back to work in seconds. Wirelessly transfer documents, photos and more from your phone with HP QuickDrop.<sup>6</sup>

### A beautifully designed business laptop

- The all metal design of the HP ProBook 635 Aero is ultralight and durable with aerodynamic edges that give this PC a sleek style. The quiet keyboard lets you focus while security and privacy options help keep your system up and running.
- Instantly block prying eyes' ability to view your screen with optional HP Sure View Reflect that produces a copper reflective finish when the screen is viewed from the side making it appear unreadable.<sup>9</sup>
- Address issues around sanitization and sustainability. The speaker enclosure contains ocean-bound plastics and the PC can be sanitized with select household disinfecting and cleaning wipes.<sup>8,9</sup>
- The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit data rate Wi-Fi 6.<sup>10,11</sup>
- Eliminate the need to send yourself emails to move information between your PC and mobile devices. Using the HP QuickDrop app, you can wirelessly transfer documents, photos and videos, notes, websites, addresses, and more between devices.<sup>6</sup>
- Your "office" can be where you need it, letting you connect almost anywhere with optional support for up to 4G LTE wireless broadband technology.<sup>5</sup>
- HP Dynamic Audio, a new AI-based audio experience, tunes the PC Speakers or analog headsets to speech, music, and movies all while suppressing background noise.<sup>12</sup>
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen6, the self-healing BIOS that automatically recovers itself from attacks or corruption.<sup>13</sup>
- Fortify your data security by using multiple factors of authentication enabled by the optional fingerprint sensor and IR facial recognition camera. Manage your authentication policies with HP Client Security Manager Gen6.<sup>14,15</sup>

## HP ProBook 635 Aero G8 Notebook PC Specifications Table



<b>Available Operating Systems</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business <sup>1,40</sup> Windows 10 Pro 64 (National Academic only) <sup>1,2,40</sup> Windows 10 Home 64 <sup>1,40</sup> Windows 10 Home Single Language 64 <sup>1,40</sup> Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement) <sup>1,40</sup> FreeDOS
<b>Processor family<sup>6</sup></b>	AMD Ryzen™ 5000 Series Mobile processor
<b>Available Processors<sup>3,4,5,6</sup></b>	AMD Ryzen™ 7 5800U with Radeon™ Graphics (1.9 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores) AMD Ryzen™ 5 5600U with Radeon™ Graphics (2.3 GHz base clock, up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores) AMD Ryzen™ 5 PRO 5650U with Radeon™ Graphics (2.3 GHz base clock, up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores) AMD Ryzen™ 7 PRO 5850U with Radeon™ Graphics (1.9 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores) AMD Ryzen™ 3 5400U with Radeon™ Graphics (2.6 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
<b>Display size (diagonal)</b>	13.3"
<b>Maximum memory</b>	32 GB DDR4-3200 SDRAM <sup>7</sup> Both slots are accessible/upgradeable by IT or self-maintainers only. Supports dual channel memory.
<b>Memory slots</b>	2 SODIMM
<b>Internal storage</b>	128 GB up to 1 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC <sup>8</sup> 256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD <sup>8</sup> 128 GB M.2 SATA-3 SSD TLC <sup>8</sup>
<b>Display<sup>12,16,17,18</sup></b>	13.3" diagonal, FHD (1920 x 1080), UWVA, anti-glare, 400 nits, low power, 100% sRGB 13.3" diagonal, FHD (1920 x 1080), UWVA, anti-glare, 250 nits, 45% NTSC 13.3" diagonal, FHD (1920 x 1080), UWVA, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen
<b>Available Graphics</b>	Integrated: AMD Radeon™ Graphics <sup>12</sup> (Support HD Decode, DX12, and HDMI.)
<b>Audio</b>	Dual stereo speakers, dual array microphones
<b>Ports and Connectors</b>	2 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 headphone/microphone combo; 1 HDMI 2.0; 1 AC power (HDMI cable sold separately.)
<b>Optional Ports</b>	1 SIM card slot (optional) <sup>11</sup>
<b>Available Keyboards<sup>13</sup></b>	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DuraKeys
<b>Available Pointing Devices</b>	Clickpad with multi-touch gesture support, taps enabled as default
<b>Sensors</b>	Hall sensor <sup>15</sup>
<b>Communications<sup>9,10,44</sup></b>	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo, non-vPro® Intel® XMM™ 7360 LTE Advanced CAT 9
<b>Camera<sup>12,14</sup></b>	720p HD camera; IR Camera (select models)
<b>Software<sup>19,20,42</sup></b>	HP Connection Optimizer; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop
<b>Security management<sup>23,24,25,26,27,28,29,30,31,32,33,39,43</sup></b>	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; Windows Defender; HP Sure Sense; BIOS Update via Network; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Admin; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; Secured-core PC capable; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified)
<b>Security Software Licenses</b>	HP Pro Security Edition (select models) <sup>56</sup>
<b>Fingerprint reader</b>	Fingerprint sensor (select models)
<b>Management features</b>	HP Driver Packs; HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download); HP Image Assistant (download) <sup>21,22</sup>
<b>Power<sup>34,35</sup></b>	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W USB Type-C® adapter; HP Smart 45 W USB Type-C® adapter
<b>Battery type<sup>34,41</sup></b>	HP Long Life 3-cell, 45 Wh Li-ion polymer; HP Long Life 3-cell, 53 Wh Li-ion Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
<b>Battery life<sup>45</sup></b>	Up to 20 hours
<b>Dimensions</b>	12.11 x 8.05 x 0.71 in; 30.76 x 20.45 x 1.79 cm
<b>Weight</b>	Starting at 2.2 lb; Starting at 0.99 kg (Weight will vary by configuration.)
<b>Energy efficiency compliance<sup>36</sup></b>	ENERGY STAR® certified; EPEAT® registered where applicable. EPEAT registration varies by country. See <a href="http://www.epeat.net">www.epeat.net</a> for registration status by country.
<b>Sustainable impact specifications<sup>37</sup></b>	Low halogen; TCO Certified
<b>Warranty<sup>36</sup></b>	HP Services offers 1-year and 3-year limited warranty and 90 day software support options depending on country and the SKU selected by the customer. Batteries have a default one year limited warranty except for Long Life Batteries which will have same 1-year or 3-year limited warranty as the platform. On-site service and extended coverage is also available with HP Care Pack Services, 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 ProBook 635 Aero G8 Notebook PC

### Messaging Footnotes

<sup>2</sup> Multi-core 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. AMD's numbering is not a measurement of clock speed.

<sup>3</sup> 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.

<sup>4</sup> Weight will vary by configuration. 250-nit panel, HP Sure View Reflect, multiple SODIMMs, WWAN, 53Whr battery, and backlit keyboard not available on configurations starting at less than 1kg.

<sup>5</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>6</sup> 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.

<sup>7</sup> HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

<sup>8</sup> Speaker enclosure component made with 5% ocean bound plastic.

<sup>9</sup> Select household wipes can be safely used to clean HP Elite, Workstation and HP Pro 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 (<http://h20195.www.2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW>) not applicable to HP Elite c1030 Chromebook.

<sup>10</sup> 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 notebook to communicate with other 802.11ax devices.

<sup>11</sup> Wi-Fi® supporting gigabit speeds 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.

<sup>12</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>13</sup> HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.

<sup>14</sup> Optional feature that must be configured at time of purchase.

<sup>15</sup> HP Client Security Manager Gen6 requires Windows and is available on the select PCs. See product specifications for details.

### 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com/>.

<sup>2</sup> Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.

<sup>3</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. AMD's numbering is not a measurement of clock speed.

<sup>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

<sup>5</sup> Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

<sup>6</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>7</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>8</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>9</sup> 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 notebook to communicate with other 802.11ax devices.

<sup>10</sup> WWAN module is an optional feature, requires factory configuration and requires 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 on all products, in all regions.

<sup>11</sup> SIM slot is not user accessible without WWAN configuration.

<sup>12</sup> FHD/HD content required to view FHD/HD images.

<sup>13</sup> Backlit keyboard is an optional feature.

<sup>14</sup> Internet access required.

<sup>15</sup> Sensors are sold separately or as an optional feature.

<sup>16</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.

<sup>17</sup> HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

<sup>18</sup> Actual brightness will be lower with touchscreen or Sure View.

<sup>19</sup> HP Connection Optimizer requires Windows 10.

<sup>20</sup> HP Support Assistant requires Windows and Internet access.

<sup>21</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

<sup>22</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

<sup>23</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>24</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>25</sup> Firmware TPM is version 2.0.

<sup>26</sup> HP Sure Click requires Windows 10 Pro or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.

<sup>27</sup> Windows Defender Opt in and internet connection required for updates.

<sup>28</sup> HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

<sup>29</sup> HP Sure Sense requires Windows 10 or Enterprise.

<sup>30</sup> HP Sure Start Gen6 is available on select HP PCs.

<sup>31</sup> HP Sure Run Gen4 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

<sup>32</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>33</sup> HP Fingerprint sensor is an optional feature that must be configured at purchase.

<sup>34</sup> Supports HP Fast Charge with 65W AC Adapter. Recharges the 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.

<sup>35</sup> Availability may vary by country.

<sup>36</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 or the HP Limited Warranty provided with your HP Product.

<sup>37</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>38</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>39</sup> HP Sure Recover Gen4: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.

<sup>40</sup> HP tested Windows 10, version 1809 on this platform. For testing information on newer versions of Windows 10, please see <https://support.hp.com/document/c05195282>.

<sup>41</sup> Actual battery Watt-hours (Wh) will vary with 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>42</sup> HP 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.

<sup>43</sup> Secured-core PC Enable Requires an Intel® VPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC functionality can be enabled from the factory.

<sup>44</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.

<sup>45</sup> Windows 10 MM18 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [www.bapco.com](http://www.bapco.com) for additional details.

<sup>46</sup> HP Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: [https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN\\_US](https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN_US) as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Pro Security Edition from HP.com, HP Sales or a 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." HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from <http://www.hp.com/go/clientmanagement>.

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