

# HP ProBook x360 11 G4 EE Notebook PC



School-ready and adaptable to every style of learning

Improve learning outcomes, save teachers time, and engage students with our thinnest rugged convertible, the versatile, manageable HP ProBook x360 11 G4 Education Edition. It has integrated security and is driven by 8th Gen Intel® Core™ processors<sup>2</sup> and enhanced with a 3D Mixed Reality Viewer.



HP recommends Windows 10 Pro.

#### Built for blended and mobile learning

- Empower students with a device that's thinner than its predecessor yet still survives everyday bumps with shock-absorbing molded rubber trim, a reinforced power port, Corning® Gorilla® Glass 3, and a pick- and minor spill-resistant keyboard.

#### Let students learn how they learn best

- Give students the freedom to choose how they learn. A 360° hinge allows the device to flip and fold into notebook, stand, tent, and tablet modes, optional dual cameras<sup>3</sup> capture and share in all of them, and an optional pen<sup>4</sup> enhances screen inputs.

#### Optimized for easy, efficient management and security

- Maximize your investment with a serviceable design and integrated software like HP Manageability Integration Kit<sup>5</sup> to manage systems across the OS, HP BIOSphere Gen4<sup>6</sup> for automatic BIOS updates, and embedded TPM to help protect sensitive data.

#### Smart, efficient processing

- Enable students to work on multiple applications, run simulations, and edit videos simultaneously without being slowed down with the impressive productivity and graphics performance of the latest 8th Gen Intel® Core™ processors.<sup>2</sup>
- Deploy a device with the Windows 10 Pro OS that's already second nature to your students and teachers.
- Help teachers and students power through their day with up to 15 hours battery life.
- Reimagine creativity with the 3D Mixed Reality Viewer. Use the software to overlay digital 3D objects onto real-world image captures from either of the cameras and edit for collages, videos, and more.
- Get a hardened device that passes HP's Total Test Process, 76 cm drop on concrete, and MIL-STD 810G, and has a heathered gray resin design that's easy to grip and keep clean.
- Help promote cleanliness in the classroom with a keyboard that can be wiped down repeatedly with common household cleaning wipes.
- Put a new spin on classroom interaction with our most advanced activity light in a rugged convertible. The HP Interactive Light simplifies group breakouts, Q&As, and ID of online status.
- Create content in notebook mode, collaborate in stand mode, share and present in tent mode, and read, write, and draw in tablet mode; customize with an optional 5 MP 2nd camera.
- Empower teachers, remove digital distractions, and unlock student potential with the HP School Pack 3.5 education suite of applications and access-from-anywhere, cloud-based services.
- Get reliable wireless connectivity from 2x2 AC wireless or use the RJ-45 to access your stable wired network and push system updates through the optional charging carts.
- Connect to multi-generation devices and displays with two USB 3.1 Gen 1, HDMI, and 3.5 mm mic and speaker ports. Streamline cabling with USB-C™ power delivery, device charging, and data transfers.
- Breathe easy with an IT investment that is supported by a one-year standard limited warranty. To extend your protection, select an optional HP Care service.

## HP ProBook x360 11 G4 EE Notebook PC Specifications Table



<b>Available Operating Systems</b>	Windows 10 Pro 64 <sup>1</sup> Windows 10 Pro (National Academic only) <sup>2</sup> Windows 10 Home 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> Windows 10 Pro in S mode <sup>3</sup> Windows 10 Pro in S mode 64 (National Academic only) <sup>2,3</sup>
<b>Processor family<sup>6</sup></b>	8th Generation Intel® Core™ m3 processor (m3-8100Y); 8th Generation Intel® Core™ i5 processor (i5-8200Y)
<b>Available Processors<sup>4,5,6</sup></b>	Intel® Core™ m3-8100Y with Intel® UHD Graphics 615 (1.1 GHz base frequency, up to 2.7 GHz burst frequency, 4 MB cache, 2 cores); Intel® Core™ i5-8200Y with Intel® UHD Graphics 615 (1.3 GHz base frequency, up to 3.2 GHz burst frequency, 4 MB cache, 2 cores)
<b>Display size (diagonal)</b>	11.6" <sup>15,18,19</sup>
<b>Maximum memory</b>	8 GB LPDDR3-1866 SDRAM <sup>7</sup>
<b>Internal storage</b>	up to 256 GB PCIe® M.2 SSD <sup>8</sup> up to 128 GB M.2 SATA SSD <sup>8</sup>
<b>Display</b>	11.6" diagonal HD SVA eDP WLED-backlit slim touch screen with HD camera, 220 cd/m <sup>2</sup> , 67% sRGB (1366 x 768); 11.6" diagonal HD IPS eDP WLED-backlit slim touch screen with HD camera, 220 cd/m <sup>2</sup> , 50% sRGB (1366 x 768) <sup>15,18,19</sup>
<b>Available Graphics</b>	Integrated: Intel® UHD Graphics 615 <sup>15</sup>
<b>Audio</b>	HD audio, dual speakers
<b>Wireless technologies</b>	Intel® Dual Band Wireless-AC 9260 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™; Realtek RTL8822BE 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo <sup>12,13</sup> (Compatible with Miracast-certified devices.)
<b>Expansion slots</b>	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
<b>Ports and Connectors</b>	2 USB 3.1 Gen 1; 1 USB Type-C™ (Data transfer, power delivery); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 2.0a; 1 AC power (Cables are not included.)
<b>Input devices</b>	Full-size, spill and pick resistant keyboard; Clickpad with multi-touch gesture support, taps enabled as default
<b>Communications</b>	Realtek RTL8111HSH-CG 10/100/1000 GbE NIC <sup>14</sup>
<b>Camera</b>	720p HD camera (user-facing); 5 MP camera (world-facing) <sup>15,16,17</sup>
<b>Available Software</b>	HP 3D DriveGuard 6; HP Connection Optimizer; HP Hotkey Support; HP JumpStart; HP MAC Address Manager; HP Noise Cancellation Software; HP School Pack; Native Miracast support; Buy Office (Sold separately) <sup>13,21</sup>
<b>Security management</b>	Absolute persistence module; HP BIOSphere Gen4; HP Client Security Gen3; HP Device Access Manager; HP DriveLock and Automatic DriveLock; HP Password Manager; HP Secure Erase; HP Security Manager; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Wireless Wakeup; RAID configurations; Windows Defender <sup>25,26,27,28,29,30,31,32,33,34,35,36</sup>
<b>Management features</b>	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen2; Ivanti Management Suite <sup>22,23,24</sup>
<b>Power</b>	HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W USB Type-C™ adapter <sup>38</sup>
<b>Battery type</b>	HP Long Life 3-cell, 48 Wh Li-ion <sup>37</sup>
<b>Battery life</b>	Up to 15 hours <sup>42</sup>
<b>Dimensions</b>	30 x 20.59 x 1.99 cm
<b>Weight</b>	Starting at 1.44 kg (touch) (Weight will vary by configuration.)
<b>Energy efficiency compliance</b>	ENERGY STAR® certified; EPEAT® Gold <sup>40</sup>
<b>Environmental specifications</b>	Low halogen; TCO 5.0 Certified <sup>41</sup>
<b>Warranty</b>	HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. 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. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are 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 x360 11 G4 EE Notebook PC

### Accessories and services (not included)

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#### HP USB Essential Keyboard and Mouse



The HP USB Essential Keyboard/Mouse Bundle is designed to help you customize your desktop work space when you park your notebook at the office.  
**Product number: H6L29AA**

#### HP 3-year Travel Next Business Day Low End Notebook Only Hardware Support



This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).  
**Product number: UC909E**

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## HP ProBook x360 11 G4 EE Notebook PC

### Messaging 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> 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.
- <sup>3</sup> Optional rear-facing camera is available on select configurations only. Front-facing camera is standard on all models.
- <sup>4</sup> Sold separately or as an add-on feature.
- <sup>5</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>6</sup> HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- <sup>7</sup> Windows 10 MM14 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>8</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>9</sup> Drop test is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>10</sup> MIL-STD 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. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>11</sup> Charging carts sold separately.
- <sup>12</sup> 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/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- <sup>13</sup> See user guide for cleaning instructions. Commonly used household cleaning solution wipes tested to 1,000 wipes include: n-Alkyl (C14, 60%; C16, 30%; C12, 5%; C18, 5%); Dimethyl Benzyl Ammonium Chloride 0.184%; n-Alkyl (C12, 68%; C14, 32%) Dimethyl Ethylbenzyl Ammonium Chloride 0.184%, other ingredients 99.632%. And solution: water, Ammonium Hydroxide, Propylene Glycol, Alkyl Polyglycoside, 2-Hexoxyethanol, fragrance.

### 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> Windows 10 Pro in S mode 64 works exclusively with apps from the Windows store. Some accessories and apps compatible with Windows 10 may not work, and performance may vary. Certain default settings, features, and apps cannot be changed. Easily switch to Windows 10 Pro configuration (fee applies). Learn more at [Microsoft.com/Windows 10S](https://www.microsoft.com/windows/10s).
- <sup>4</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.
- <sup>5</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>6</sup> NOTE: 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>12</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
- <sup>13</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>14</sup> The term "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>15</sup> HD content required to view HD images.
- <sup>16</sup> Internet access required.
- <sup>17</sup> Sold separately or as an optional feature.
- <sup>18</sup> Touchscreen is an optional feature that must be configured at purchase.
- <sup>19</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>21</sup> HP Support Assistant requires Windows and Internet access.
- <sup>22</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>23</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>24</sup> Ivanti Management Suite subscription required.
- <sup>25</sup> HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- <sup>26</sup> HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives
- <sup>27</sup> HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitization method.
- <sup>28</sup> Absolute agent is shipped turned off, and will be activated when customers activate a purchased 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 is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- <sup>29</sup> HP Client Security Suite Gen 3 requires Windows and Intel® or AMD 8th generation processors.
- <sup>30</sup> HP Password Manager requires Internet Explorer or Chrome or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- <sup>31</sup> HP Device Access Manager requires HP Client Security Suite Gen4.
- <sup>32</sup> Windows Defender Opt in and internet connection required for updates.
- <sup>33</sup> HP Secure Erase - For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on ProBook 400 G4 platforms under Hared Drive utilities within F10 BIOS.
- <sup>34</sup> Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- <sup>35</sup> RAID configuration is optional and does require a second hard drive.
- <sup>36</sup> HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
- <sup>37</sup> Recharges the battery up to 90% within 90 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 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>38</sup> Availability may vary by country.
- <sup>39</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/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- <sup>40</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options).
- <sup>41</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>42</sup> Windows 10 MM14 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.

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