

# HP ProBook x360 11 G1 EE Notebook PC



## Education-ready and adaptable to every style of learning

Improve learning outcomes, save teacher time, and engage students like never before with the powerful, durable, flexible HP ProBook x360 11 G1 Education Edition. It converts easily from a notebook to a tablet to a stand to a tent and moves seamlessly between the classroom and home.



## HP recommends Windows 10 Pro.

### Built to survive students and the school day

- Make life simple for IT and educators with an easy-to-carry PC that's designed to protect against bumps and pass MIL-STD 810G<sup>1</sup>, with Corning® Gorilla® Glass 4, co-molded industrial rubber, and pick- and minor spill-resistant keyboard.

### Encourage blended learning

- Flip, fold, and learn with a 360° hinge and optional dual cameras<sup>2</sup> that adapt to every activity. Create content in notebook mode, collaborate in stand mode, share and present in tent mode, and read, write, and draw in tablet mode.

### Touch or tap

- Annotate, draw, solve math problems, and take notes right on your screen with integrated premium touch technology and an optional Active Pen<sup>3</sup> that supports an authentic digital inking experience similar to paper and pen or paintbrush.
- Deploy a device with the Windows 10 Pro<sup>4</sup> operating system that's already second nature to your students and teachers.
- Enable project-based learning with the optional dual-camera system that allows students to see what they're recording in four modes: notebook, tablet, tent, and stand.<sup>2</sup>
- Empower students to quickly and easily work on multiple applications with the latest Intel® processors, which deliver impressive productivity and graphics performance and help extend battery life.
- Take on the school day and homework with up to 11 hours of battery life.<sup>6</sup>
- Meet and exceed the global requirements of learners with the HP School Pack 2.5 suite of digital tools and content designed for collaborative, standards-aligned, and personalized learning.
- Help ensure reliable connectivity with Intel® 2x2 AC wireless and an RJ-45 port.
- Connect to devices and displays with two USB 3.1 Gen 1, HDMI, 3.5 mm mic and speaker ports, and USB-C™, which supports cell phone charging and data transfer and the use of USB-C™ flash drives.
- Breathe easy with an IT investment that is supported by a one-year standard limited warranty that's extendable with an optional HP Care service.<sup>5</sup>

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## Specifications Table

HP recommends Windows 10 Pro.



<b>Available Operating System</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Home 64 <sup>1</sup>
<b>Processor Family</b>	Intel® Celeron® processor; Intel® Pentium® processor
<b>Available Processors<sup>2,3</sup></b>	Intel® Celeron® N3350 with Intel® HD Graphics 500 (1.1 GHz base frequency, up to 2.4 GHz burst frequency, 2 MB cache, 2 cores); Intel® Celeron® N3450 with Intel® HD Graphics 500 (1.1 GHz base frequency, up to 2.2 GHz burst frequency, 2 MB cache, 4 cores); Intel® Pentium® N4200 with Intel® HD Graphics 505 (1.1 GHz base frequency, up to 2.5 GHz burst frequency, 2 MB cache, 4 cores) (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 <a href="http://www.support.hp.com">http://www.support.hp.com</a> .)
<b>Chipset</b>	Chipset is integrated with processor
<b>Maximum Memory</b>	Up to 8 GB DDR3L-1600 SDRAM Standard memory note: Transfer rates up to 1600 MT/s
<b>Internal Storage</b>	128 GB up to 256 GB M.2 SSD <sup>3,4</sup> up to 64 GB eMMC SSD <sup>3,5</sup>
<b>Display</b>	29.46 cm (11.6") diagonal HD SVA eDP LED slim touch screen (1366 x 768) <sup>6,11</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 500; Intel® HD Graphics 505 <sup>6</sup>
<b>Wireless Technologies</b>	Intel® Dual Band Wireless-AC 7265 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo <sup>8</sup>
<b>Communications</b>	Realtek RTL8111HSH Gigabit Ethernet
<b>Expansion Slots</b>	1 microSDSupports micro SD, SDHC, SDXC
<b>Ports and Connectors</b>	2 USB 3.1 Gen 1; 1 USB 3.1 Type-C™; 1 HDMI 1.4b; 1 AC power connector; 1 RJ-45; 1 headphone/microphone combo jack <sup>10</sup>
<b>Input Device</b>	Full-sized, spill and pick-resistant Clickpad with multitouch gestures
<b>Webcam</b>	User-facing 720p camera; World-facing 1080p secondary camera (select models) <sup>6,9</sup>
<b>Available Software</b>	HP 3D DriveGuard (Windows required); HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP Support Assistant; HP Noise Cancellation; HP Velocity; For a complete list of preinstalled software, please refer to the quick spec document for this product. <sup>12</sup>
<b>Security Management</b>	HP Device Access Manager; HP BIOSphere; HP Sure Start Gen3; Secure Erase; Absolute Persistence Module; HP Client Security Gen3; Fingerprint reader (select models); Security lock slot (lock must be purchased separately); TPM 2.0; Integrated smart card reader (active) <sup>13,16,17,18</sup>
<b>Power</b>	45 W Smart AC adapter; 65 W EM Smart AC adapter HP Long Life 3-cell, 41 Wh Li-ion Up to 11 hours <sup>20</sup> (Battery is internal and not replaceable by customer. Serviceable by warranty.)
<b>Dimensions</b>	20.79 x 30.24 x 1.99 cm
<b>Weight</b>	Starting at 1.35 kg (non-touch); Starting at 1.45 kg (touch) (Weight varies by configuration and components)
<b>Environmental</b>	Low halogen <sup>21</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified configurations available; EPEAT® Gold
<b>Warranty</b>	Limited 3-year and 1-year warranty options available, depending on country, 3-year limited warranty on HP Long Life Battery (only available with 3-year platform warranty). Optional HP Care Pack Services are available to extend your protection beyond the standard warranty. For more details visit: <a href="http://hp.com/go/cpc">hp.com/go/cpc</a> .

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### Accessories and services (not included)

#### HP Slim Backpack



The HP Slim Ultrabook Backpack—a stylish, durable, and compact messenger bag built for your Ultrabook™.1 A black twill fabric accented with gray plaid combines form and function to help protect your hardware and give you a polished appearance.

**Product number: F3W16AA**

#### HP 3-button USB Laser Mouse



The impressively sleek and durable HP 3-Button USB Laser Mouse is designed for everyday performance and to complement your HP Business Notebook.

**Product number: H4B81AA**

#### HP 65W Smart AC Adapter



Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up.

**Product number: H6Y89AA**

#### HP Essential Keyed Cable Lock



Add an extra layer of security to your notebook with the HP Essential Keyed Cable Lock, designed for any notebook with a standard lock slot.

**Product number: T0Y14AA**

#### HP UC Wireless Duo Headset



Take a call up to 100 feet away from your desk or phone with the HP UC Wireless Duo Headset and get premium stereo sound and noise cancelling even in the busiest environments, in a design that's comfortable to wear throughout the work day.<sup>12</sup>

**Product number: W3K09AA**

Receive 3 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

**Product number: UK703E**



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## Messaging Footnotes

<sup>1</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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

<sup>2</sup> Requires optional rear-facing camera on select configurations only. Front-facing camera is standard on all models.

<sup>3</sup> Sold separately or as an add-on feature.

<sup>4</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>5</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>6</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.

## Technical specifications disclaimers

<sup>1</sup> Not all features are available in all editions or versions of Windows 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 is not a measurement of higher performance.

<sup>3</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>4</sup> Not available with eMMC storage.

<sup>5</sup> No HPRM.

<sup>6</sup> HD content required to view HD images.

<sup>7</sup> All cables are sold separately.

<sup>8</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>9</sup> Internet access required.

<sup>10</sup> HDMI cable sold separately.

<sup>11</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.

<sup>12</sup> HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter)).

<sup>13</sup> HP BIOSphere available only on business PCs with HP BIOS.

<sup>14</sup> HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP Microsoft Integration Kit for Microsoft System Center Configuration Manager: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

<sup>15</sup> LANDESK Management subscription required.

<sup>16</sup> Lock sold separately

<sup>17</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>18</sup> Sure Start Gen3 requires a 7th Generation Intel® Processor.

<sup>19</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>20</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>21</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>23</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>24</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. See HP's 3rd party option store for solar energy accessory [www.hp.com/go/options](http://www.hp.com/go/options).

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