

HP ProBook x360 11 G4 EE Notebook PC (6SM34UT)



Overview

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[2] and enhanced with a 3D Mixed Reality Viewer.

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[3] capture and share in all of them, and an optional pen[4] 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[5] to manage systems across the OS, HP BIOSphere Gen4[6] 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.[2]

Features

A friendly, familiar OS

Deploy a device with the Windows 10 Pro OS that's already second nature to your students and teachers.^[1]

Productivity for the long haul

Help teachers and students power through their day with up to 15 hours battery life.^[7]

Connect, develop, and explore

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.

Learn everywhere

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.^[8,9,10]

Keep it clean

Help promote cleanliness in the classroom with a keyboard that can be wiped down repeatedly with common household cleaning wipes.^[13]

Enhanced interactivity to improve student engagement

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.

[1] 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>.

[2] 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.

[3] Optional rear-facing camera is available on select configurations only. Front-facing camera is standard on all models.

[4] Sold separately or as an add-on feature.

[5] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[6] HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.

[7] 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 for additional details.

[8] 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.

[9] 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.

[10] 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.

[13] 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.

Specifications

| | |
|---------------------------------------|---|
| Operating system | Windows 10 Home 64 – HP recommends Windows 10 Pro. |
| Processor family | 8th Generation Intel® Core™ i5 processor |
| Processor | 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) ^[6,7] |
| Memory | 8 GB LPDDR3-1866 SDRAM |
| Internal Storage | 256 GB PCIe® NVMe™ M.2 SSD |
| Graphics | Integrated |
| Graphics (integrated) | Intel® UHD Graphics 615 |
| Display | 29.46 cm (11.6") diagonal HD SVA eDP LED-backlit touch screen, 220 cd/m ² , 67% sRGB (1366 x 768) |
| Display | 11.6" diagonal HD SVA eDP LED-backlit touch screen, 220 cd/m ² , 67% sRGB (1366 x 768) [15,18,19] |
| Display size (diagonal) | 29.46 cm (11.6") |
| Display size (diagonal) | 11.6" |
| Audio features | HD audio, dual speakers |
| Minimum dimensions (W x D x H) | 30 x 20.59 x 1.99 cm |
| Minimum dimensions (W x D x H) | 11.8 x 8.11 x 0.78 in |
| Weight | Starting at 1.44 kg (touch) <i>(Weight will vary by configuration.)</i> |
| Weight | Starting at 3.17 lb (touch) <i>(Weight will vary by configuration.)</i> |
| Keyboard | Full-size, spill and pick resistant keyboard |
| Camera | 5 MP camera (world-facing) |
| Ports | 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 <i>(Cables are not included.)</i> |
| Expansion slots | 1 multi-format digital media reader <i>(Supports SD, SDHC, SDXC.)</i> |
| Wireless | Intel® Dual Band Wireless-AC 9260 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™ |
| Power | HP Smart 45 W External AC power adapter ^[38] |
| Battery type | HP Long Life 3-cell, 48 Wh Li-ion prismatic |
| Energy efficiency | ENERGY STAR® certified |
| Management features | HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen2; Ivanti Management Suite ^[22,23,24] |
| Environmental | Low halogen; TCO 5.0 Certified |
| Security management | 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. ^[25,26,27,28,29,30,31,32,33,34,35,36] |
| Warranty | 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 http://www.hp.com/support/batterywarranty/ 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: http://www.hp.com/go/cpc. ^[39] |

Additional specifications

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|------------------------------|---|
| Accessories | HP Essential Backpack (up to 15.6") H1D24AA; HP USB Travel Dock TOK30AA; HP 3-Button USB Laser Mouse H4B81AA; HP 45W Smart AC Adapter 4.5mm H6Y88AA; HP External USB Optical Drive F2B56AA |
| Battery life note | Battery is internal and not replaceable by customer. Serviceable by warranty. |
| Legal tagline | HP recommends Windows 10 Pro. |
| MDA key selling point | Windows 10 or other operating systems available |
| Memory and storage | 8 GB memory; 256 GB SSD storage |
| Processor speed | 1.3 GHz |
| Product brand name | HP |
| Quickspec | https://hp.sharepoint.com/teams/PSGWorldWide/Shared%20Documents/HP%20ProBook%20x360%2011%20G4%20EE.pdf |
| Standard memory note | Transfer rates up to 1866 MT/s. |
| Storage type | SSD |
| Touchscreen | No |

[6] 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. Intel's numbering is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[15] HD content required to view HD images.

[18] Touchscreen is an optional feature that must be configured at purchase.

[19] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

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

[23] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[24] Ivanti Management Suite subscription required.

[25] HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.

[26] HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives

[27] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.

[28] 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.

[29] HP Client Security Suite Gen 3 requires Windows and Intel® or AMD 8th generation processors.

[30] 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.

[31] HP Device Access Manager requires HP Client Security Suite Gen4.

[32] Windows Defender Opt in and internet connection required for updates.

[33] 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.

[34] 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).

[35] RAID configuration is optional and does require a second hard drive.

[36] 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.

[38] Availability may vary by country.

[39] 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. 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.

Accessories

Docking and Port Replicators

Docking Stations

| | |
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| HP USB-C/A Universal Dock G2 | 5TW13AA |
| HP USB-C Universal Dock | 1MK33AA |
| HP USB-C Universal Dock with 4.5 mm and USB Dock Adapter | 2UF95AA |

Port Replicators

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|-----------------------------------|---------|
| HP 3005pr USB3 Port Replicator | Y4H06AA |
| HP 3001pr USB 3.0 Port Replicator | F3S42AA |

Docking Accessories

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|-----------------------------------|---------|
| HP USB-C Universal Dock Non Flash | 3DV65AA |
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Cases and Covers

Cases

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| HP 20 Hard Case Wheeled Luggage | 5MS48AA |
| HP Recycled Series 15.6-inch Top Load | 5KN29AA |
| HP Exec 15.6 Midnight Top Load | 1KM15AA |
| HP 14.1 Business Sleeve | 2UW01AA |
| HP Ladies 14.0 Slim Top Load | 2JB97AA |
| HP 15.6 Prelude Top Load with Mouse Bundle | 2MW64AA |
| HP 17.3 Leather Black Top Load | P6N25AA |
| HP 17.3 Business Slim Top Load | 2UW02AA |
| HP Essential Top Load Case | H2W17AA |
| HP 17.3 Business Roller Case | 2SC68AA |
| HP 15.6 Business Top Load | 2SC66AA |
| HP Business Ladies Tote (up to 15.6-inch) | 3NP79AA |
| HP 15.6 Executive Black Messenger | P6N21AA |
| HP Prelude Top Load 15.6 | 2MW62AA |
| HP 11.6-inch Education Sleeve | 3NP78AA |
| HP Executive Black Leather 15.6 Top Load | 1LG83AA |
| HP 14.1 Business Slim Top Load | 2SC65AA |
| HP 15.6 Executive Brown Top Load | P6N19AA |
| HP 15.6 Executive Brown Backpack | P6N22AA |
| HP Slim Professional Top Load Case | F3W15AA |
| HP Black 11.6 Always On Case | 2MY57AA |
| HP Executive 14.1 Midnight Slim Top Load | 1WM82AA |
| HP Slim Professional Messenger | F3W14AA |
| HP Power Ready 14.1 Elite Top Load | 4NR35AA |
| HP Essential Messenger Case | H1D25AA |
| HP Prelude Top Load 15.6 | 2MW62A6 |

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| HP ProBook x360 11 G1 EE Protective Case | 1JS00AA |
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Backpacks

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| HP Recycled Series 15.6-inch Backpack | 5KN28AA |
| HP Essential Backpack | H1D24AA |
| HP Exec 15.6 Midnight Backpack | 1KM16AA |
| HP Exec 17.3 Midnight Backpack | 1KM17AA |
| HP Prelude Backpack 15.6 Bulk | 2MW63A6 |
| HP Slim Backpack | F3W16AA |
| HP 17.3 Business Backpack | 2SC67AA |
| HP Prelude Backpack 15.6 | 2MW63AA |

Covers

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|--------------------------|---------|
| HP Slim 15.6-inch Sleeve | F8A00AA |
| HP Slim 14-inch Sleeve | F7Z99AA |
| HP Slim 12.5-inch Sleeve | F7Z98AA |

Keyboards/Mice/Monitors and Input Devices

Mice

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|--------------------------------|---------|
| HP Essential USB Mouse | 2TX37AA |
| HP Elite Presenter Mouse | 2CE30AA |
| HP USB Premium Mouse | 1JR32AA |
| USB Travel Mouse | G1K28AA |
| HP Ultra Mobile Wireless Mouse | H6F25AA |
| HP X4000b Bluetooth Mouse | H3T50AA |
| HP Slim Bluetooth Mouse | F3J92AA |
| HP Comfort Grip Wireless Mouse | H2L63AA |
| HP Wireless Premium Mouse | 1JR31AA |
| HP 3-button USB Laser Mouse | H4B81AA |

Keyboards

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| HP Wireless Collaboration Keyboard | Z9N39AA |
| HP Conferencing Keyboard | K8P74AA |
| HP USB Collaboration Keyboard | Z9N38AA |

Pointing Devices

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| HP Active Pen with Spare Tips | 1FH00AA |
| HP Active Pen Nib Set | 3RV57AA |

Keyboard and Mouse Kits

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| HP Wireless (Link-5) Keyboard | T6U20AA |
| HP Slim USB Keyboard and Mouse | T6T83AA |
| HP Slim Wireless Keyboard and Mouse | T6L04AA |
| HP USB Essential Keyboard and Mouse | H6L29AA |

Audio/Multimedia and Communication Devices

Phones

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| HP UC Speaker Phone | 4VW02AA |
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Headsets

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| HP UC Wireless Duo Headset | W3K09AA |
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| HP Stereo USB Headset | T1A67AA |
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| HP UC Wireless Mono Headset | W3K08AA |
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| HP UC Wired Headset | K7V17AA |
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| HP Stereo 3.5mm Headset | T1A66AA |
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Cabinets and Stands

Carts

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|----------------------------|---------|
| HP 30 Mgd Charging Cart V2 | T9E85AA |
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| HP 20 Mgd Charging Cart V2 | T9E83AA |
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| HP 32U Essential Charging Cart | 1HC89AA |
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Notebook Stands

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|-------------------|---------|
| HP Hot Desk Stand | W3Z73AA |
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| HP Hot Desk 2nd Monitor Arm | W3Z74AA |
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|---------------------------------|---------|
| HP Dual Hinge II Notebook Stand | E8F99AA |
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Monitor Stands

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|----------------------------------|---------|
| HP Adjustable Dual Display Stand | AW664AA |
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| Monitor Stand | M9X76AA |
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Notebook and Monitor Stands

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| HP Adjustable Display Stand | AW663AA |
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Security and Protection

PC Locks

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| HP Combination Lock | T0Y15AA |
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|-------------------------------------|---------|
| HP Dual Head Keyed Cable Lock 10 mm | T1A64AA |
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| HP Dual Head Master Cable Lock 10 mm | T1A65AA |
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| HP Keyed Cable Lock 10 mm | T1A62AA |
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| HP Master Keyed Cable Lock 10mm | T1A63AA |
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| HP Essential Combination Lock | T0Y16AA |
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| HP Essential Keyed Cable Lock | T0Y14AA |
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Cables/Cable Kits/Cable Adapters

Cable Adapters

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| HP USB-C to VGA Adapter | N9K76AA |
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| HP USB-C to RJ45 Adapter | V7W66AA |
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| HP USB-C to USB-A Hub | Z6A00AA |
| HP USB-C to DP Adapter | N9K78AA |
| HP USB-C to USB 3.0 Adapter | N2Z63AA |

Batteries/Chargers/Adapters

AC Adapters

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|-------------------------|---------|
| HP 65W Slim AC Adapter | H6Y82AA |
| HP 45W Smart AC Adapter | H6Y88AA |
| HP 65W Smart AC Adapter | H6Y89AA |

Power Packs

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|------------------------|---------|
| HP Notebook Power Bank | N9F71AA |
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Graphics Cards

Graphics Connectors/Adapters

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|------------------------|---------|
| HP HDMI to VGA Adapter | H4F02AA |
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PC Drives and Storage

PC DVD Drives

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| HP External USB DVDRW Drive | F2B56AA |
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Software

Application Software

Desktop Application Software

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| Microsoft Office 365 Home 6MW78AA | 6MW78AA |
| Microsoft Office 365 Personal 6MW79AA | 6MW79AA |
| Microsoft Office 365 Business Premium | 6MW80AA |
| Microsoft Office Home and Student 2019 for PC | 6MW81AA |
| MS Office Home and Business 2019 for PC 6MW82AA | 6MW82AA |

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