The sleek HP ProBook 450 with optional 10-point touchscreen and the latest generation technologies delivers powerful performance in the office or on the go. Proven reliability and comprehensive HP security features help keep your data and investment protected.

Windows 10 Pro or other operating systems available

Designed for mobility.
Travel in style with the updated design of the optional FHD, or HD touch, 15.6-inch diagonal HP ProBook 450 featuring a new soft touch paint finish on the LCD cover and brushed aluminum keyboard deck.

Powerful processing.
Power through projects with 5th Gen Intel® Core™ i3/i5/i7 processors and optional discrete AMD Radeon™ graphics with switchable graphics support on the stunning optional FHD or HD+ touchscreen1 of the HP ProBook 450.

Safeguard data and devices.
Help keep sensitive data secure with comprehensive security features like HP Client Security,5 and HP BIOSphere,6 as well as the embedded TPM 1.2.

Featuring
Guard your data, device and identity with HP Client Security.5
HP BIOSphere boosts security and keeps mission-critical data and systems under lock and key with customizable authentication and BIOS-level passwords.6
With TPM 1.2 your critical data has protection with hardware-based encryption keys.
Rest easy with a ProBook that endures 115,000 hours of testing to help ensure reliability in the most demanding work environments.
The simplicity of optional touch enriches business interaction with Windows 8.1.7
Help protect your ProBook from minor spills with a backlight spill-resistant keyboard.
Power through your day with speed and performance. Get the latest in processing technology with your choice of 5th Gen Intel® Core™ i3/i5/i7 processors.1
Experience great visual performance with optional AMD discrete graphics on optional FHD displays.
Gain faster, more reliable wireless than ever—with optional 5G Wi-Fi support.9
### HP ProBook 450 G2 Notebook PC

#### Operating System
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 8.1 Pro 64
- Windows 8.1 64
- Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)
- Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro)
- Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro)
- Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro)
- FreeDOS 2.0
- Ubuntu Linux

#### Processor Family
- Intel® Core™ i7 processor
- Intel® Core™ i5 processor
- Intel® Core™ i3 processor
- Intel® Celeron® processor
- Intel® Pentium® processor

#### Processor
- Intel® Core™ i7-5500U with Intel HD Graphics 4400 (2.4 GHz, up to 3.05 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores)
- Intel® Core™ i7-4510U with Intel HD Graphics 4400 (2 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores)
- Intel® Core™ i5-5200U with Intel HD Graphics 5500 (2.2 GHz, up to 2.7 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
- Intel® Core™ i5-4210U with Intel HD Graphics 4400 (1.7 GHz, up to 2.7 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
- Intel® Core™ i3-4030U with Intel HD Graphics 4400 (1.9 GHz, 3 MB cache, 2 cores)
- Intel® Core™ i3-4005U with Intel HD Graphics 4400 (2.0 GHz, 3 MB cache, 2 cores)
- Intel® Celeron® 3215U with Intel HD Graphics 4050 (1.6 GHz, 2 MB cache, 2 cores)
- Intel® Celeron® 3205U with Intel HD Graphics 4050 (1.5 GHz, 2 MB cache, 2 cores)

#### Chipset
- Integrated with processor

#### Memory
- Up to 16 GB DDR3L-1600 SDRAM
- Memory slots: 2 SODIMM

#### Internal Storage
- 500 GB up to 750 GB SATA (7200 rpm)
- 320 GB up to 1 TB SATA (5400 rpm)
- up to 128 GB SATA SSD
- up to 500 GB SATA SSHD (5400 rpm)
- up to 120 GB M.2 SSD

#### Upgrade Bay
- Blu-ray ROM/DVD+/RW SuperMulti DL; DVD+/RW SuperMulti DL; DVD-ROM

#### Flash Cache
- 8 GB MLC

#### Display
- 15.6" diagonal HD anti-glare LED-backlit (1366 x 768)
- 15.6" diagonal FHD anti-glare LED-backlit (1920 x 1080)
- 15.6" diagonal HD shatter, scratch, and smudge resistant LED-backlit touchscreen (1366 x 768)

#### Graphics
- AMD Radeon R5 M255 (1 GB or 2 GB DDR3 dedicated, switchable)

#### Audio/Visual
- DTS Sound+™; Integrated stereo speakers; Integrated digital microphone (dual-microphone array when equipped with optional webcam); Function keys for microphone mute, volume up, and volume down; Headphone/microphone combo jack

#### Wireless Support
- Realtek 802.11b/g/n (1x1)
- Realtek 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo
- Broadcom 802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo
- Intel Dual Band Wireless-AC 3160 802.11a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.0 Combo; Intel Dual Band Wireless-AC 7260 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.0 Combo; HP hs3110 HSPA+ Mobile Broadband; HP 4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband

#### Communications
- Realtek Ethernet (10/100/1000)

#### Expansion Slots
- 1 multi-format digital media reader

#### Ports and Connectors
- 2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 VGA

#### Input Devices
- Full-sized, spill resistant keyboard with numeric keypad; Full-sized, spill resistant backlit keyboard with numeric keypad (optional)
- Touchpad with gestures support, on/off button with LED indicator, two-way scroll, two pick buttons

#### Software (Windows OS only)
- Absolute Persistence; HP Device Access Manager with Just In Time Authentication; HP File Sanitizer; HP Client Security; HP BIOS Protection; HP Disk Sanitizer; HP DriveLock; HP SpareKey; HP Connection Manager; HP GPS and Location; HP Mobile Connect; HP Wireless Hotspot; HP Print Driver; HP Hotkey Support; HP PageLight; HP Recovery Manager; HP Support Assistant; CyberLink PowerDVD; CyberLink YouCam BE; Foxit PhantomPDF Express; Buy Office

#### Security

#### Dimensions
- 37.5 x 26.28 x 2.34 to 2.55 cm (front to rear) (non-touch)
- 37.5 x 26.32 x 2.5 to 2.71 cm (front to rear) (touch)

#### Weight
- Starting at 2.06 kg

#### Energy Efficiency Compliance
- ENERGY STAR certified configurations available

#### Environmental Specifications
- Low halogen

#### Power
- 65 W Smart AC adapter; 65 W EM Smart AC adapter; 45 W Smart AC adapter; 45 W Smart AC adapter 2-prong (Japan only)

#### Battery Type
- 4-cell, 44 WH Li-ion; 4-cell, 44 WH Long Life Li-ion

#### Warranty
- HP Services offers 3-year, 1-year and 90-day limited warranty options depending on country; 1-year limited warranty on primary battery; 3-year limited warranty on HP Long Life Battery (only available with 3-year platform limited warranty). On-site service and optional HP Care Pack Services are available to extend your protection beyond the standard limited warranty. Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit www.hp.com/go/cpc
Datasheet

HP ProBook 450 G2 Notebook PC

Recommended Accessories and Services

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
<th>Product number</th>
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<tbody>
<tr>
<td>HP U160 15.6-inch LED Backlit Monitor</td>
<td>Adding a second screen to your notebook just got radically simpler with the lightweight HP U160 15.6-inch LED Backlit Monitor. Increase your productivity with a portable companion display that quickly opens into its own tilt-adjustable stand and easily connects to your notebook with one USB cable. Share presentations across a table or desk wherever you work. The adjustable stand quickly converts back into a carrying case so you can stow and go.</td>
<td>D4T56AA</td>
</tr>
<tr>
<td>HP 3005pr USB 3.0 Port Replicator</td>
<td>Everything you need every day, ready with one simple connection. The HP 3005pr USB 3.0 Port Replicator is our ultimate platform-independent hot desking solution. Get online, make up to six of your everyday USB devices immediately available, and expand your productivity with connection to two external displays—all through one USB 3.0 cable.</td>
<td>H1L08AA</td>
</tr>
<tr>
<td>HP USB Essential Keyboard and Mouse</td>
<td>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.</td>
<td>H6L29AA</td>
</tr>
<tr>
<td>HP 3-year Travel Next Business Day Notebook Only Service</td>
<td>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 <a href="http://www.hp.com/go/cpc">www.hp.com/go/cpc</a>.</td>
<td>UL653E</td>
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