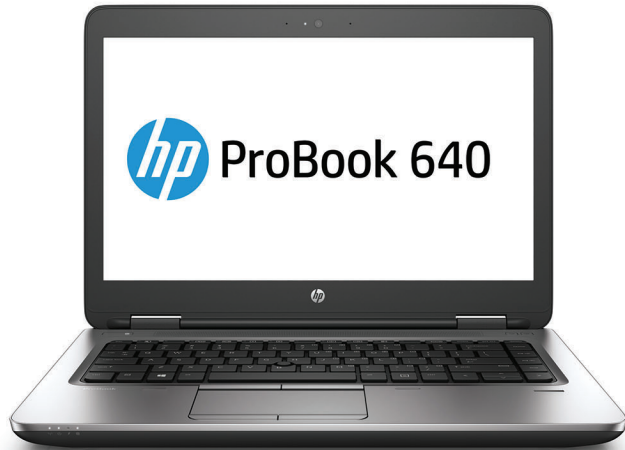


# HP ProBook 640 G3 筆記型電腦



藉由支援當今技術與舊有裝置的配置，讓您的投資獲取最大效益。HP ProBook 640 配有最新的安全性與生產力功能，完美契合您現有的 IT 投資。

HP 推薦使用 Windows 10 專業版



## 融合新功能與備受肯定的技術

- 藉由可輕鬆整合至您目前 IT 結構的 HP ProBook 640，簡化新電腦的部署。選配的光碟機<sup>2</sup> 以及傳統連接埠如標準的 VGA 連接埠和 RJ-45 連線等，可協助降低您電腦的升級成本。

## 自由配置您的員工

- 透過第 7 代 Intel® Core™ i3 / i5 / i7 處理器<sup>2</sup>、可擴充的 DDR4 記憶體和週邊設備如 HP UltraSlim 底座<sup>3</sup> 等，為坐在辦公桌旁的工作者帶來強大的行動力，同時不用擔心效能損耗或超出預算。

## HP 特有的安全性和管理性

- 使用可預防資料洩露和故障的 HP BIOSphere Gen3<sup>4</sup> 與自我加密或 FIPS 認證磁碟機<sup>3</sup>。透過 HP 在全球 180 多個國家提供的 HP 配置簡化管理。

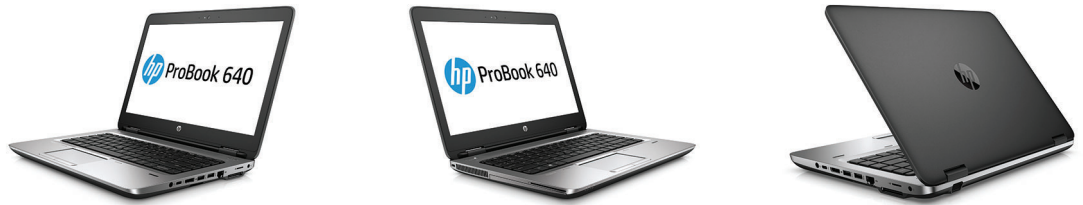
## 隨時隨地協同合作

- 即使您不在辦公室內，業務仍可持續運作不停擺。HP Noise Cancellation 軟體、HP Audio Boost、商務用 Skype<sup>5</sup> 和 720p 網路攝影機都是協作的工具，幫助您與同事進行清晰暢通的會議。

## 其他特色

- 強大、可選配觸控面板<sup>3</sup> 的 HP ProBook 640，讓您體驗 Windows 10<sup>1</sup> 專業版的新功能，在任何情況都能高效工作。
- 藉由功能強大的第 7 代 Intel® Core™ i3/i5/i7 處理器<sup>2</sup> 與可設定的選項，您可依據使用者的需求來部署合適的配置。
- 使用 HP 快速充電電池，減少電池更換頻率並快速為您的 HP ProBook 640 充電。僅需充電 90 分鐘，即可將電池電量充電至 90%<sup>6</sup>。
- 搭配 HP Noise Cancellation Software 幫助抑制環境噪聲，包括鍵盤敲擊聲。
- HP Audio Boost 可平衡音量與清晰度，並增強低音以改善通話品質。
- 搭配完全整合且自動化的第 3 代 HP BIOSphere<sup>4</sup> 韌體等級的生態系統功能，保持高生產力並讓故障時間縮短。有自動更新和安全檢查，您的電腦將擁有多一層的保護。
- 為通過 MIL-STD 810G 測試<sup>7</sup> 而設計的 ProBook，能同時處理龐大工作量。
- 裝置健全追蹤和安全策略執行，讓您避免突發意外。借助 HP Touchpoint Manager 應用程式，可以快速解除風險，保證設備的功能和員工的工作效率<sup>8</sup>。

## HP ProBook 640 G3 筆記型電腦規格



支援的作業系統	Windows 10 專業版 64 – HP 推薦使用 Windows 10 專業版 <sup>1</sup> Windows 10 家用版 64 <sup>1</sup> Windows 10 家用單語言版 64 – HP 推薦使用 Windows 10 專業版 <sup>1</sup> Windows 10 專業版 (學術機構授權) <sup>1,10</sup> Windows 10 家用版 (學術機構授權) <sup>1,10</sup> NeoKylin Linux® 64 <sup>2</sup> FreeDOS 2.0
處理器系列	第 7 代 Intel® Core™ i7 處理器；第 7 代 Intel® Core™ i5 處理器；第 7 代 Intel® Core™ i3 處理器
支援的處理器 <sup>3,4</sup>	Intel® Core™ i3-7100U 搭配 Intel HD Graphics 620 (2.4 GHz、3 MB 快取、雙核心)；Intel® Core™ i5-7200U 搭配 Intel HD Graphics 620 (2.5 GHz、採用 Intel Turbo Boost 技術時最高可達 3.1 GHz、3 MB 快取、雙核心)；Intel® Core™ i5-7300U 搭配 Intel HD Graphics 620 (2.6 GHz、採用 Intel Turbo Boost 技術時最高可達 3.5 GHz、3 MB 快取、雙核心)；Intel® Core™ i5-7440HQ (2.8 GHz、採用 Intel Turbo Boost 技術時最高可達 3.4 GHz、6 MB 快取、4 核心)；Intel® Core™ i7-7600U 搭配 Intel HD Graphics 620 (2.9 GHz、採用 Intel Turbo Boost 技術時最高可達 3.9 GHz、4 MB 快取、雙核心)；Intel® Core™ i7-7820HQ (2.9 GHz、採用 Intel Turbo Boost 技術時最高可達 3.5 GHz、8 MB 快取、4 核心)
晶片組	晶片組整合於處理器
最大記憶體	16 GB DDR4-2133 SDRAM <sup>7</sup> 支援雙通道
記憶體插槽	2 個 SODIMM 插槽
硬碟	最高至 500 GB SATA (7200 rpm) <sup>8</sup> 最高至 500 GB SATA SED (7200 rpm) <sup>8</sup> 最高至 500 GB SATA FIPS 140-2 SED (7200 rpm) <sup>8</sup> 最高至 1 TB SATA (5400 rpm) <sup>8</sup> 最高至 500 GB SATA SSHD (5400 rpm) <sup>8</sup> 最高至 128 GB M.2 SATA SSD <sup>8</sup> 最高至 256 GB M.2 SATA TLC SSD <sup>8</sup> 256 GB 最高至 512 GB M.2 PCIe NVMe TLC SSD <sup>8</sup>
光碟機	DVD-ROM；Slim DVD 燒錄機 <sup>9</sup>
顯示器	14" 對角線 HD SVA eDP 防眩光薄型 LED 背光 (1366 x 768)；14" 對角線 HD SVA eDP 防眩光薄型 LED 背光搭配相機 (1366 x 768)；14" 對角線 HD SVA eDP 防眩光薄型 LED 背光搭配 WWAN (1366 x 768)；14" 對角線 HD SVA eDP 防眩光薄型 LED 背光搭配相機和 WWAN (1366 x 768)；14" 對角線 FHD SVA eDP 防眩光薄型 (1920 x 1080)；14" 對角線 FHD SVA eDP 防眩光薄型搭配相機 (1920 x 1080)；14" 對角線 FHD SVA eDP 防眩光薄型搭配 WWAN (1920 x 1080)；14" 對角線 FHD SVA eDP 防眩光薄型搭配相機和 WWAN (1920 x 1080)；14" 對角線 FHD SVA eDP 薄型 LED 背光觸控式螢幕搭配相機和 WWAN (1920 x 1080) <sup>5</sup>
支援的顯示卡	整合式：Intel® HD Graphics 620 <sup>5</sup> 獨立式：AMD Radeon™ R7 M465X (4 GB GDDR5 專用) <sup>6</sup>
無線技術	HP hs3210 WW HSPA+ 行動寬頻；HP lt4120 Qualcomm® Snapdragon™ X5 LTE 行動寬頻模組；HP lt4132 LTE/HSPA+ 4G 行動寬頻；Intel® Dual Band Wireless-AC 3168 802.11 a/b/g/n/ac (1x1) Wi-Fi® 和 Bluetooth® 4.2 組合 (non-vPro)；Intel® Dual Band Wireless-AC 7265 802.11a/b/g/n/ac (2x2) Wi-Fi 和 Bluetooth® 4.2 組合 (non-vPro)；Realtek 802.11b/g/n (1x1) 和 Bluetooth® 4.0 組合 (non-vPro) (支援 Miracast (Windows 10))
通訊	Intel® Ethernet Connection I219-LM 10/100/1000；Intel® Ethernet Connection I219-V 10/100/1000
擴充插槽	1 個 SD 卡讀卡機 (支援 SD、SDHC、SDXC)
連接埠和插槽	1 個 USB Type-C™ 連接埠；2 個 USB 3.0 連接埠 (1 個可充電)；1 個 RJ-45 連接埠；1 個底座連接器；1 個耳機 / 麥克風組合插孔；1 個 4.5 mm AC 電源連接器；1 個 DisplayPort™ 連接埠；1 個 VGA 連接埠 (不包含傳輸線)
輸入設備	HP 高級防潑水背光鍵盤和 HP 高級防潑水背光鍵盤和雙指點擊防潑水排水鍵盤、HP DuraKeys；觸控板 (搭配開 / 關閉、雙向滾動、預設啟用點選和手勢功能、雙指滾動、雙指縮放 (捏))
相機	720p HD 網路攝影機 (選配) <sup>5</sup>
支援的軟體	HP Mobile Connect Pro (提供給搭配 Windows 10 的機型)；HP 3D DriveGuard 6 (Windows)；HP ePrint Driver+JetAdvantage；HP Hotkey Support；HP Recovery Manager；HP Support Assistant；HP Noise Cancellation；購買 Office；Bing 搜尋；Skype <sup>13,14,15</sup>
安全管理	HP BIOSphere；HP Secure Erase；Preboot Authentication；Absolute Persistence 模組；HP Client Security；HP 指紋感應器；指紋辨識器 (部分機型)；安全鎖槽 (鎖頭需另購買)；TPM 2.0；整合型智慧卡讀卡機 (主動式) <sup>18,19,20</sup>
管理功能	HP Driver Packs；HP SoftPaq Download Manager (SDM)；HP System Software Manager (SSM)；HP BIOS Config Utility (BCU)；HP Client Catalog；HP MIK for Microsoft SCCM；LANDESK 管理 16,17,21
電源	45 W 智慧型 AC 變壓器；45 W 智慧型 AC 變插變壓器；65 W HP 智慧型 AC 變壓器；65 W EM 智慧型 AC 變壓器；90 W 智慧型變壓器 <sup>12</sup>
電池類型	HP 3-cell，48 Wh 長效鋰離子電池 <sup>11</sup>
尺寸	34 x 23.7 x 2.7 cm
重量	1.95 kg 起 (重量因配置和元件而異)
保固	HP Services offers 3-year and 1-year limited warranties and 90-day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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> . <sup>22</sup>

## HP ProBook 640 G3 筆記型電腦

### Recommended Accessories and Services

#### HP UltraSlim Docking Station



Designed exclusively for ultraslim HP EliteBook Notebook PCs, the HP UltraSlim Docking Station expands display, network, and device connectivity so you can be more productive throughout the day—all through a simple one-click slide-in side dock.

**Product number: D9Y32AA**

#### HP Business Backpack



Keep your notebook and everyday essentials comfortably close at hand with the stylish and durable HP Business Backpack.

**Product number: H5M90AA**

#### HP 65W Slim AC Adapter



Be productive with the HP Slim 65W Combo Adapter, which can power your HP Business Notebook or Ultrabook™.

**Product number: H6Y82AA**

#### HP 90W Slim AC Adapter



Be productive with the HP Slim 90W Combo Adapter, which can power your HP Business Notebook or Ultrabook™.

**Product number: H6Y83AA**

#### HP Conferencing Keyboard



Drive your Microsoft Lync voice and video calls directly from your HP Conferencing Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys<sup>1</sup>.

**Product number: K8P74AA**

#### 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**

## 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 is not a measurement of higher performance.
- <sup>3</sup> Sold separately or as an optional feature.
- <sup>4</sup> HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.
- <sup>5</sup> Skype for business subscription required.
- <sup>6</sup> Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/- 10% due to System tolerance.
- <sup>7</sup> MIL-STD testing is pending and 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>8</sup> HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see [www.hp.com/touchpoint](http://www.hp.com/touchpoint) for availability information.

## 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> Neokyllin Linux® 64 is available for China only.
- <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. Intel's numbering is not a measurement of higher performance.
- <sup>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> HD content required to view HD images.
- <sup>6</sup> AMD Dynamic Switchable Graphics technology requires an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
- <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 hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) of system disk is reserved for the system recovery software.
- <sup>9</sup> DVD-Writer does not support DVD RAM. Don't copy copyright protected materials.
- <sup>10</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>11</sup> Battery is internal and not replaceable by customer. Serviceable by warranty.
- <sup>12</sup> Availability may vary by country.
- <sup>13</sup> HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to [www.hp.com/go/mobileconnect](http://www.hp.com/go/mobileconnect)
- <sup>14</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>15</sup> Skype is not offered in China.
- <sup>16</sup> HP Client Catalog not preinstalled, coming soon at <http://www.hp.com/go/clientmanagement>
- <sup>17</sup> LANDESK Management subscription required.
- <sup>18</sup> HP BIOSphere available only on business PCs with HP BIOS.
- <sup>19</sup> Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
- <sup>20</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>21</sup> HP MIK for Microsoft SCCM is not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- <sup>22</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.

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