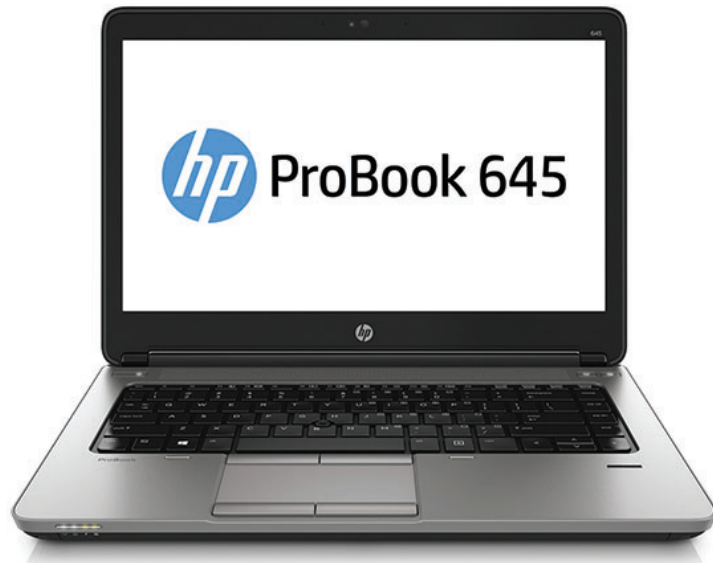# HP ProBook 645 G1 Notebook PC

Thinner, tougher taskmaster

Take on tasks in the office or on the road with the durable HP ProBook 645 and HP ProBook 655. These ProBooks are thin, light and a great value. Enjoy enhanced productivity and do more – faster and better – to meet the most demanding workloads.

Thinner, tougher taskmaster.
- Get the technology you trust from HP, with cutting-edge style that looks and feels the way you want.
- Join forces with the latest generation technology and legacy features your business demands on a new thinner HP ProBook for in the office or on the go.
- Protect existing IT investments with support for existing legacy features such as an optical drive, optional serial ports,[1] VGA and RJ45 connectors.
- Enjoy a desktop experience on your ProBook with various docking options including HP 120W Advanced Docking Station and HP 90W Docking Station.[2]
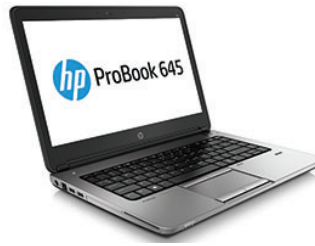
Design your ideal ProBook.
- Take advantage of the wide range of features and configurable options on the new HP ProBook 600 Series.
- Configure a ProBook made for your business thanks to flexible architecture configurations including the latest AMD Richland APUs.[3]
- Experience great visual performance with full-HD display options, AMD Radeon HD 8000G Series graphics.
- Bridge distances on the HP ProBook 600 series, with Microsoft Lync,[4] premium audio/video and full-HD display.[5]
- Stay in touch from the office or on the road with powerful connectivity options including 4G WWAN,[6,7] HP Wireless Hotspot[8] and Bluetooth® 4.0.

Convenient Control.
- Protect data, devices and identities with HP Client Security[9] and HP BIOS Protection.
- Stay up and running. HP BIOS Protection[11] offers enhanced protection against virus attacks to the BIOS and other security threats, and is designed to help prevent data loss and reduce downtime.
- Enjoy easy and simple integration into your IT environment with HP Client Management Solutions[12] such as optional LANDesk[13] technology.
- Maintain a productive system environment with stable and consistent images, managed lifecycle transitions and Global Series support you can rely on.

HP ProBook 645 G1 Notebook PC
Specifications Table

Available Operating System	Windows 10 Pro 64 Windows 10 Home 64 Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) Windows 8.1 Pro 64 Windows 8.1 64 Windows 7 Professional 64 (available through downgrade rights form Windows 8.1 Pro) Windows 7 Professional 32 (available through downgrade rights form Windows 8.1 Pro) Windows 8 Pro 64 Windows 8 64 Windows 7 Professional 64 (available through downgrade rights from Windows 8 Pro) Windows 7 Professional 32 (available through downgrade rights from Windows 8 Pro) Windows 7 Professional 64 Windows 7 Professional 32 SUSE Linux FreeDOS 2.0
Processor Family	AMD Elite Quad-Core processor; AMD Elite processor; AMD Quad-Core processor
Available Processors	AMD Elite Quad-Core A10-5750M APU with Radeon HD 8650G Graphics (2.5 GHz, 4 MB cache); AMD Elite Quad-Core A8-5550M APU with Radeon HD 8550G Graphics (2.1 GHz, 4 MB cache); AMD Elite A6-5350M APU with Radeon HD 8450G Graphics (2.9 GHz, 1 MB cache, 2 cores); AMD Elite A4-5150M APU with Radeon HD 8350G Graphics (2.7 GHz, 1 MB cache, 2 cores); AMD Elite Quad-Core A10-4600M APU with Radeon HD 7660G Graphics (2.3 GHz, 4 MB cache); AMD Elite Quad-Core A8-4500M APU with Radeon HD 7640G Graphics (1.9 GHz, 4 MB cache); AMD Elite A6-4400M APU with Radeon HD 7520G Graphics (2.7 GHz, 1 MB cache, 2 cores); AMD Elite A4-4300M APU with Radeon HD 7420G Graphics (2.5 GHz, 1 MB cache, 2 cores)
Maximum Memory	Up to 16 GB Standard memory note: Transfer rates up to 1600 MT/s
Memory Slots	2 SODIMM
Internal Storage	320 GB up to 750 GB SATA (7200 rpm) up to 500 GB SATA SED (7200 rpm) 320 GB up to 1 TB SATA SED (5400 rpm) up to 500 GB SATA FIPS 140-2 SED (5400 rpm) 128 GB up to 180 GB SATA SSD up to 256 GB SATA SE SSD
Optical Storage	Blu-ray ROM DVD+/-RW SuperMulti DL; DVD+/-RW SuperMulti DL; DVD-ROM
Display	35,56 cm (14") diagonal HD SVA anti-glare flat LED-backlit (1366 x 768); 35,56 cm (14") diagonal HD+ SVA anti-glare flat LED-backlit (1600 x 900); 35,56 cm (14") diagonal LED-backlit FHD anti-glare UWVA slim (1920 x 1080)
Audio	HD audio with DTS Studio Sound+; 2 integrated stereo speakers; Integrated microphone (dual-microphone array with optional webcam); Stereo headphone line out; Stereo microphone in
Wireless Technologies	HP lt4111 LTE/EV-DO/HSPA+ Mobile Broadband; HP lt4112 LTE/HSPA+ Mobile Broadband; HP hs3110 HSPA+ Mobile Broadband; Atheros 802.11b/g/n (1x1); Atheros 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo; Broadcom 802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo
Communications	Realtek (10/100/1000)
Expansion Slots	1 Media Card Reader
Ports and Connectors	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort; 1 VGA; 1 combo stereo headphone/mic jack; 1 AC power; 1 RJ-45; 1 docking connector
Input Device	Spill-resistant keyboard with drain Touchpad with gestures support, on/off button with LED indicator, two-way scroll, two pick buttons, optional point stick
Webcam	720p HD webcam (select models)
Available Software	HP 3D DriveGuard; HP Connection Manager (Windows 7); HP Wireless HotSpot; HP Mobile Connect (EMEA only); HP PageLift; HP Recovery Manager; HP Support Assistant; HP ePrint; Buy Office
Security Management	HP Client Security Suite includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication; HP Drive Encryption; HP Secure Erase; Microsoft Security Essentials (models with Windows 7); Microsoft Defender (models with Windows 8); HP Spare Key; Absolute Persistence Module; TPM 1.2 Embedded Security Chip
Power	65 W Smart AC adapter (integrated); 90 W Smart AC adapter; HP Fast Charge (6-cell only) 9-cell, 100 WHr Li-ion; 6-cell, Long Life 55 WHr Li-ion; 6-cell, 55 WHr Li-ion; 3-cell, 33 WHr Li-ion 9-cell, 100 WHr Li-ion models with hard drive: up to 16 hours (dual core), up to 16 hours and 15 minutes (quad core); 9-cell, 100 WHr Li-ion models with SSD: up to 17 hours and 15 minutes (dual core), up to 18 hours (quad core); 6-cell, Long Life 55 WHr Li-ion models with hard drive: up to 9 hours (quad core); 6-cell, Long Life 55 WHr Li-ion models with SSD: up to 9 hours and 45 minutes (quad core); 6-cell, 55 WHr Li-ion models with hard drive: up to 9 hours (dual core), up to 9 hours and 15 minutes (dual core); 6-cell, 55 WHr Li-ion models with SSD: up to 9 hours and 30 minutes (dual core) up to 10 hours and 15 minutes (quad core)
Dimensions	34 x 23.7 x 2.53 cm (at front)
Weight	Starting at 2 kg (Weight will vary by configuration.)
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
Warranty	1-year limited warranty for carry-in service (pick-up and return service in selected countries) (upgrades available, sold separately), 1-year warranty on primary battery

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Accessories and services (not included)

HP 65W Smart Travel AC Adapter

AC power adapters from HP power your notebook and charge the internal battery simultaneously. These adapters provide you with the ability to power your notebook when away from the office or on the road. The HP 65W Slim Travel Adapter is perfect for international travelers or "road warriors" who are always on the go. The adapter is 40% thinner than the standard 65W adapter and includes a convenient USB port for charging other accessories while you work. Four international adapter plugs help make sure your Slim Travel Adapter works wherever you do. A stylish protective carrying case keeps everything together.
Product number: AU155AA

HP Comfort Grip Wireless Mouse

The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks.
Product number: H2L63AA

HP Ultraslim Keyed Cable Lock

Secure your HP Ultrabook™ or laptop PC quickly and easily with the HP Ultraslim Keyed Cable Lock.
Product number: H4D73AA

HP Professional Slim Top Load Case

HP Professional Slim Top Load Case lets you store folders and other documents, and features storage areas for business cards, PDAs, cell phones, pens, an AC adapter and any additional items needed for a long stay away from the office or home. Designed for ultra-mobile professionals who are on the road frequently and for long periods of time.
Product number: H4J91AA

3-year Next Business Day Onsite

Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely
Product number: U4391E

Learn more at
www.hp.eu/hpoptions

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Messaging Footnotes

[1] Optional Serial ports available on HP ProBook 655.

[2] Docking Stations sold separately.

[3] This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit process capabilities of AMD technology. Multi core processing with AMD technology is redesigned to improve performance of this system. Given the wide range of SW applications available, performance will vary.

[4] Microsoft Lync sold separately.

[5] Optional webcam and internet service required for video conferencing, and not included.

[6] 4G LTE not available on all products, in all regions and only available on products featuring Intel processors.

[7] Mobile broadband is optional or an add-on feature and use requires separately purchased service contract. Check with your service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors.

[8] The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.

[9] HP Client Security requires Windows.

[11] HP Tools partition with HP BIOS required for automatic recovery.

[12] HP Client Management Solutions requires Windows.

[13] LANDesk software is sold separately. Managed devices must be connected to the management server. Requires active LANdesk maintenance service. Wipe functionality performs a "Windows 8 Reset" and requires Windows 8. Lock performs a Windows "Lock Computer."

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4AA4-8734EEE, July 2015