

HP EliteBook 840 G5 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Home 64 ¹ FreeDOS
Processor family ⁴	8th Generation Intel® Core™ i7 processor (i7-8650U); 8th Generation Intel® Core™ i7 processor (i7-8550U); 8th Generation Intel® Core™ i5 processor (i5-8350U); 8th Generation Intel® Core™ i5 processor (i5-8250U); 7th Generation Intel® Core™ i7 processor (i7-7600U); 7th Generation Intel® Core™ i7 processor (i7-7500U); 7th Generation Intel® Core™ i5 processor (i5-7300U); 7th Generation Intel® Core™ i5 processor (i5-7200U)
Available Processors ^{2,3,4}	Intel® Core™ i7-8650U vPro™ processor with Intel® UHD graphics 620 (1.9 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Core™ i7-8550U with Intel® UHD graphics 620 (1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores); Intel® Core™ i7-7600U vPro™ processor with Intel® HD Graphics 620 (2.8 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i7-7500U with Intel® HD Graphics 620 (2.7 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-8350U vPro™ processor with Intel® UHD Graphics 620 (1.7 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-8250U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7300U vPro™ processor with Intel® HD Graphics 620 (2.6 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores)
Display size (diagonal)	14" ^{11,13,14,15}
Maximum memory	32 GB DDR4-2400 SDRAM ⁵ Dual channel support.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁶ 360 GB up to 512 GB PCIe® NVMe™ M.2 SSD ⁶ up to 512 GB M.2 SATA FIPS 140-2 SSD ⁶ 128 GB up to 256 GB M.2 SATA SSD ⁶
Display	14" diagonal FHD IPS anti-glare LED-backlit, 220 cd/m ² , 67% sRGB (1920 x 1080); 14" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 220 cd/m ² , 67% sRGB (1920 x 1080); HP Sure View 14" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 700 cd/m ² , 100% sRGB (1920 x 1080); 14" diagonal 4K IPS anti-glare LED-backlit, 400 cd/m ² , 100% sRGB (3840 x 2160); HP Sure View 14" diagonal FHD IPS anti-glare LED-backlit, 700 cd/m ² , 100% sRGB (1920 x 1080); 14" diagonal FHD IPS anti-glare LED-backlit, 400 cd/m ² , 100% sRGB (1920 x 1080) ^{11,13,14,15}
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620 ¹¹ Discrete: AMD Radeon™ RX 540 (2 GB GDDR5 dedicated) ¹³
Audio	Bang & Olufsen, dual stereo speakers, integrated multi array microphone
Wireless technologies	Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; HP It4132 LTE/HSPA+ Mobile Broadband Module; Intel® XMM™ 7360 LTE-Advanced ^{7,8,9} (Compatible with Miracast-certified devices.)
Ports and Connectors	1 Thunderbolt™ (USB Type-C™ connector); 2 USB 3.1 Gen 1 (1 charging); 1 HDMI 1.4b; 1 RJ-45; 1 docking connector; 1 headphone/microphone combo; 1 AC power (HDMI cable sold separately.)
Input devices	HP Premium Collaboration Keyboard spill resistant with drain, optional backlit; Clickpad with multi-touch gesture support, taps enabled as default Ambient light sensor ¹³
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI; Intel® I219-LM GbE, vPro™; Intel® I219-V GbE, non-vPro™ ¹⁰
Camera	HD camera; HD IR webcam ^{11,12}
Available Software	HP 3D DriveGuard; HP Connection Optimizer; HP Hotkey Support; HP JumpStart; HP LAN Protection; HP Noise Cancellation Software; HP Recovery Manager; HP Support Assistant; HP Velocity; Native Miracast support; HP Client Security Gen4; Buy Office (Sold separately) ^{9,17,19}
Security management	Absolute persistence module; HP BIOSphere Gen4; HP Device Access Manager; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; 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 SureStart Gen4; Windows Defender ^{23,24,25,26,27,28,29,36}
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 ^{20,21,22}
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 65 W USB Type-C™ adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W USB Type-C™ adapter ³¹
Battery type	HP Long Life 3-cell, 50 Wh Li-ion ³⁰
Battery life	Up to 14 hours ³⁵
Dimensions	32.6 x 23.4 x 1.79 cm
Weight	Starting at 1.48 kg (non-touch); Starting at 1.61 kg (touch) (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified and EPEAT® Gold registered ³³
Environmental specifications	Low halogen; TCO 5.0 Certified ³⁴
Warranty	3 year or 1 year limited warranty depending on country. 3 year limited warranty on HP Long Life Battery (only available with 3 year platform limited warranty). Optional HP Care Pack Services are available contracts which go beyond your standard limited warranties. For more details visit: http://www.hp.com/go/lookuptool . Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc