HP EliteBook 850 G8 Notebook PC (6F5V9EA)

Operating system

Windows 10 Pro (available through downgrade rights from Windows 11 Pro) [1, 2]

Processor family

11th Generation Intel® Core™ i7 processor

Processor

Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores) [3, 4]

Graphics

Integrated,
Intel® Iris® Xᵉ Graphics

Memory

16 GB DDR4-3200 MHz RAM (1 x 16 GB)

Memory Slots

2 SODIMM

Internal Storage

512 GB PCIe® NVMe™ SSD

Display

15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 72% NTSC [5, 6, 7]

Display

39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 72% NTSC [5, 6, 7]

Touchscreen

No

Color gamut

72% NTSC

Brightness

400 nits

Minimum dimensions (W x D x H)

35.6 x 23.37 x 1.92 cm

Weight

Starting at 1.77 kg (touch); Starting at 1.68 kg (non-touch) (Weight will vary by configuration.)

Software included

HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Wireless Button Driver

Available software

HP Smart Support

Management features

HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4 [8, 9]

Battery type

HP Long Life 3-cell, 56 Wh Li-ion

Battery life

(Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.)

Wireless

Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro® (MU-MIMO and Miracast support.)

Keyboard

HP Premium Keyboard – spill-resistant, backlit keyboard with numeric keypad

Camera

720p HD IR privacy camera

Audio

Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone

Pointing device

Clickpad with multi-touch gesture support

Ports

2 Thunderbolt™ 4 with USB4 Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging); 1 Stereo headphone/microphone combo jack; 1 HDMI 2.0b; 1 AC power [10]

Power

65 W USB Type-C™ adapter [11, 12]

Security management

Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Sure Sense; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; HP Sure Admin; HP BIOSphere Gen6 [13, 14, 15, 16, 17, 18, 19, 20, 21, 22]

Fingerprint reader

Fingerprint sensor

Ecolabels

TCO Certified

Sustainable impact specifications

Ocean-bound plastic in speaker enclosure; 35% post-consumer recycled plastic; Low Halogen; Bulk packaging available [23, 24, 25]

Manufacturer Warranty

3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply. [26]