HP ProBook 450 15.6 inch G10 Notebook PC (85B70EA)

Operating system

FreeDOS

Processor family

13th Generation Intel® Core™ i5 processor

Processor

Intel® Core™ i5-1335U (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) [1, 2]

Graphics

Integrated,
Intel® UHD Graphics

Memory

8 GB DDR4-3200 MHz RAM (1 x 8 GB)

Memory Slots

2 SODIMM

Internal Storage

512 GB PCIe® NVMe™ SSD

Display

15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC [3, 4, 5]

Display

39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC [3, 4, 5]

Touchscreen

No

Color gamut

45% NTSC

Brightness

250 nits

Minimum dimensions (W x D x H)

35.94 x 23.39 x 1.99 cm

Weight

Starting at 1.79 kg (Weight will vary by configuration. Does not include power adapter.)

Software included

HP Connection Optimizer; HP Hotkey Support; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; HP Notifications; HP QuickDrop; HP PC Hardware Diagnostics Windows; HP Services Scan; HP Smart Support (download)

Management features

HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Cloud Recovery [6, 7]

Battery type

HP Long Life 3-cell, 51 Wh Li-ion

Battery life

(Battery is internal and not replaceable by customer. Serviceable by warranty.)

Wireless

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)

Product color

Pike silver aluminum

Keyboard

HP Premium Keyboard – spill resistant keyboard with numeric keypad

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Camera

720p HD camera

Audio

Dual stereo speakers, dual array microphones

Pointing device

Clickpad with multi-touch gesture support, taps enabled as default

Ports

2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 AC power; 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)

Power

HP Smart 65 W External AC power adapter [8]

Security management

Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; Secured-Core PC Enable [9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21]

Fingerprint reader

Fingerprint sensor

Sustainable impact specifications

Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 10% post-consumer recycled plastic [22]

Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.