

HP ProBook 450 15.6 inch G9 Notebook PC (5Y3T8EA)

Operating system

FreeDOS

Processor family

12th Generation Intel® Core™ i5 processor

Processor

Intel® Core™ i5-1235U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) ^[1, 2]

Graphics

Integrated,
Intel® Iris® Xe Graphics

Graphics

Discrete,
NVIDIA® GeForce® MX570 (2 GB DDR6 dedicated) ^[3]

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^[4, 5, 6]

Display

39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC^[4, 5, 6]

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 1.74 kg (Weight will vary by configuration.)

Software included

HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Quick Touch; HP PC Hardware Diagnostics Windows

Available software

HP Smart Support

Management features

HP Client Management Script Library (download); HP Image Assistant (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Power Manager^[7, 8]

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

Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth  5.2 combo

Keyboard

Spill-resistant, full-size keyboard with numeric keypad

Audio

Dual stereo speakers, dual array microphones

Pointing device

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

Ports

3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 SuperSpeed USB Type-C[®] 10Gbps signaling rate (USB Power Delivery, DisplayPort[™] 2.1); 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 HDMI 2.1b

Power

65 W USB Type-C[™] adapter^[9]

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; 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 ^[10, 11, 12, 13, 14, 15, 16, 17]

Fingerprint reader

Fingerprint sensor

Sustainable impact specifications

Low Halogen ^[18]

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. ^[19]
