

HP EliteBook 650 15.6 inch G9 Notebook PC (5Y3T9EA)

Operating system	FreeDOS
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Processor family	12th Generation Intel® Core™ i5 processor
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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]
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Graphics	Integrated, Intel® Iris® Xe Graphics
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Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
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Memory Slots	2 SODIMM
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Internal Storage	512 GB PCIe® NVMe™ SSD
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Display	15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC ^[3, 4, 5]
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Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC ^[3, 4, 5]
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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 <small>(Weight will vary by configuration.)</small>
Software included	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Quick Touch
Available software	HP Smart Support
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 Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager <small>[6, 7, 8, 9, 10]</small>
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® 5.2 combo (supporting gigabit data rate)
Keyboard	HP Premium Keyboard – spill-resistant, optional backlit keyboard with numeric keypad
Camera	720p HD privacy camera
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 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 2.0; 1 AC power ^[1]
Power	HP Smart 65 W External AC power adapter ^[12]
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; HP Sure Recover Gen5; Secured-Core PC Enable ^[13, 14, 15, 16, 17, 18, 19, 20, 21, 22]

Fingerprint reader

Fingerprint sensor

Sustainable impact specifications

Low Halogen ^[23]

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. ^[24]
