

Operating system	Windows 11 Home
Processor family	13th Generation Intel® Core™ i9 processor
Processor	Intel® Core™ i9-13900HX (up to 5.4 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 32 threads) <sup>[1], [2]</sup>
Chipset	Intel® HM770
Graphics	Discrete, NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
Memory	32 GB DDR5-5600 MHz RAM (2 x 16 GB) (Transfer rates up to 5600 MT/s.)
Internal Storage	2 TB PCIe® Gen4 NVMe™ TLC M.2 SSD
Display	40.6 cm (16") diagonal, WQXGA (2560 x 1600), 240 Hz, 7 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB <sup>[3], [4], [5]</sup>
Touchscreen	No
Screen-to-body ratio (without speakers)	84.45% <sup>[6]</sup>
Color gamut	100% sRGB
Brightness	400 nits
Minimum dimensions (W x D x H)	35.65 x 26.9 x 1.99 cm
Weight	2.17 kg
Software - Productivity & finance	1 month trial for new Microsoft 365 customers <sup>[7]</sup>
Software included	Xbox Game Pass 1-month free trial
Cloud service	25 GB Dropbox storage for 12 months <sup>[8]</sup>
Battery type	4-cell, 70 Wh Li-ion polymer <sup>[9]</sup>
Battery life	Up to 6 hours and 45 minutes <sup>[10]</sup>
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes <sup>[11]</sup>
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) <sup>[12], [13]</sup> (Modern Standby (Connected); HP Extended Range Wireless LAN)
Network interface	Integrated 10/100/1000 GbE LAN
Product color	Shadow black magnesium-aluminum cover and keyboard frame, ceramic white aluminum base
Keyboard	Full-size, 4-zone RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology
Camera	HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones
Audio	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost
Pointing device	HP Imagepad
Ports	1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[14], [15]</sup>
Power supply type	230 W Smart AC power adapter
Security management	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Input devices	Ambient light sensor; IR thermal sensor
Ecolabels	EPEAT® Gold registered
Sustainable impact specifications	Keyboard mechanism made from agriculture waste; Keyboard keycaps and scissors contain post-consumer recycled plastic; Ocean-bound plastic in bezel, inner frame and speaker enclosure(s); Recycled metal in base and hinge cap(s) <sup>[16], [17], [18]</sup>
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.

## Footnotes and disclaimers

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