

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) ^{[1], [2]}
Chipset	Intel® HM770
Graphics	Discrete, NVIDIA® GeForce RTX™ 4070 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	1 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 ^{[3], [4], [5]}
Touchscreen	No
Screen-to-body ratio (without speakers)	84.45% ^[6]
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 ^[7]
Software included	Xbox Game Pass 1-month free trial
Cloud service	25 GB Dropbox storage for 12 months ^[8]
Battery type	6-cell, 97 Wh Li-ion polymer ^[9]
Battery life	Up to 6 hours and 45 minutes ^[10]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[11]
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) ^{[12], [13]} (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 ^{[14], [15]}
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
What's in the box	HyperX Cloud II Core Wireless Gaming Headset
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) ^{[16], [17], [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.

Footnotes and disclaimers



Country/Region : Middle East

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