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| 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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