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| Operating system ? | Windows 11 Home |
| Processor | Intel® Core™ i7-13700H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)[6,7] |
| Performance Technology | Intel® Evo™ laptop |
| Graphics | Integrated: Intel® Iris® X ^e Graphics |
| Display | 16" diagonal, WQXGA (2560 x 1600), 48-120 Hz, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB[17] |
| Display brightness | 400 nits |
| Display color gamut | 100% sRGB |
| Memory | 16 GB LPDDR5x-5200 MHz RAM (onboard) |
| Storage | 512 GB PCIe® Gen4 NVMe™ Performance M.2 SSD[21] |
| Wireless technology | Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card[11,12,13] |
| Power supply | 90 W AC power adapter |
| Battery | 4-cell, 68 Wh Li-ion polymer |
| Battery life | Up to 11 hours and 45 minutes[3] |
| Video Playback Battery Life | Up to 15 hours and 45 minutes[10] |
| Battery Recharge Time | Supports battery fast charge: approximately 50% in 30 minutes[5] |
| External I/O Ports | 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 AC smart pin; 1 HDMI-out 2.1; 1 headphone/microphone combo[19] |
| Energy efficiency | EPEAT® Gold registered |
| Webcam | HP Wide Vision 5MP IR camera with temporal noise reduction and integrated dual array digital microphones[30] |
| Audio Features | Audio by B&O; DTS:X® Ultra; Dual speakers; HP Audio Boost[28] |
| Color | Natural silver aluminum |
| Pointing device | HP Imagepad |
| Keyboard | Full-size, backlit, soft grey keyboard with numeric keypad |
| Dimensions (W X D X H) | 14.06 x 9.98 x 0.7 in (front); 14.06 x 9.98 x 0.78 in (rear) |
| Weight | 4.19 lb |
| Warranty | 1-year limited hardware warranty. Additional information available at www.support.hp.com ; 1-year limited technical support for software and initial setup (from date of purchase) |
| Software included | 1-month Adobe free trial offer; Xbox Game Pass 1-month free trial; McAfee Online Protection 30-day trial1 month trial for new Microsoft 365 customers[2,25,43][24] |
| Security management | Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support |