## Specifications

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|---|---|
| **Operating system** | Windows 10 Home 64[3] |
| **Memory** | 32 GB DDR4-2666 SDRAM (2 x 16 GB) |
| **Memory Note** | 2 user-accessible memory slots<br>Transfer rates up to 2666 MT/s.<br>32 GB memory |
| **Memory and storage** | 1 TB HDD storage<br>256 GB SSD storage |
| **Optical drive** | Optical drive not included |
| **Cloud service** | Dropbox |
| **Storage type** | HDD<br>SSD |
| **Internal Storage** | 256 GB PCIe® NVMe™ M.2 SSD |
| **Hard drive (2nd)** | 1 TB 7200 rpm SATA |
| **Chipset** | Intel® HM370 |
| **Processor speed** | 2.6 GHz |
| **Processor family** | 9th Generation Intel® Core™ i7 processor |
| **Processor** | Intel® Core™ i7-9750H (2.6 GHz base frequency, up to 4.5 GHz base with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)[4][3] |
| **Weight** | 2.63 kg |
| **Display** | 39.6 cm (15.6") diagonal FHD 144 Hz IPS anti-glare micro-edge WLED-backlit (1920 x 1080) |
| **Graphics (discrete)** | NVIDIA® GeForce RTX™ 2070 (8 GB GDDR6 dedicated) |
| **Battery type** | 6-cell, 69 Wh Li-ion polymer |
| **Power supply type** | 200 W AC power adapter |
| **Minimum dimensions (W x D x H)** | 36 x 26 x 2.04 cm |
| **Webcam** | HP Wide Vision HD Camera with integrated dual array digital microphone |
| **Audio features** | B&O<br>dual speakers<br>HP Audio Boost<br>Omen Audio Control Support DTS:X® Ultra |
| **Ports** | 1 USB 3.1 Gen 2 Type-C™ (10 Gb/s signaling rate, DisplayPort™ 1.4, HP Sleep and Charge)<br>3 USB 3.1 Gen 1 Type-A<br>1 HDMI<br>1 RJ-45<br>1 headphone/microphone combo<br>1 microphone<br>1 AC smart pin<br>1 Mini DisplayPort™ |
| **Network interface** | Integrated 10/100/1000 GbE LAN |
| **Wireless** | Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds)[6][7][5] |
| **Expansion slots** | 1 multi-format SD media card reader |
| **Product color** | Shadow black |
| **Product design** | Sandblasted hairline finish |
| **Energy efficiency** | ENERGY STAR® certified<br>EPEAT® Silver registered |
| **Limited warranty coverage and exceptions** | You can expand the warranty coverage of your product to reach up to 3 years in total<br>for more information, check with your HP reseller. |
| **Warranty** | 2 year limited parts, labour, and carry-in service |