



OMEN 17 LAPTOP

Desktop-Caliber Gaming In a Laptop with 13th Gen Intel® Core™ Processors. Gaming Happens with Intel®¹

SPECIFICATIONS

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Up to Intel® Core™ i9-13900HX (up to 5.4 GHz with Intel® Turbo Boost Technology(2g), 36 MB L3 cache, 24 cores, 32 threads)

Up to NVIDIA® GeForce RTX™ 4090 Laptop GPU (16 GB GDDR6 dedicated) powered by NVIDIA DLSS 3, ultra-efficient Ada Lovelace architecture, and Max-Q Technologies.

Up to 32 GB DDR5-5600 MHz RAM (2 x 16 GB)

Up to 2 TB PCIe® Gen4 NVMe™ TLC M.2 SSD

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TECHNICAL SPECIFICATIONS

Processor

Up to Intel® Core™ i9-13900HX (up to 5.4 GHz with Intel® Turbo Boost Technology(2g), 36 MB L3 cache, 24 cores, 32 threads)

Graphics

Up to 175W TGP WITH NVIDIA® GeForce RTX™ 4090 Laptop GPU (16 GB GDDR6 dedicated) powered by NVIDIA DLSS 3, ultra-efficient Ada Lovelace architecture, and Max-Q Technologies.

Includes the following NVIDIA Max-Q technologies:

- Battery Boost
- Dynamic Boost
- Rapid Core Scaling
- CPU Optimizer
- Resizable BAR
- Optimal Playable Settings

Memory

Up to 32 GB DDR5-5600 MHz RAM (2 x 16 GB)

Memory Slots

2

Storage

Up to 2 TB PCIe® Gen4 NVMe™ TLC M.2 SSD

Operating System

Windows 10 Home⁴

Display

17.3" diagonal, FHD (1920 x 1080), 144 Hz, 7 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 300 nits, 100% sRGB⁵

Wireless Connectivity

Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)^{6,7} MU-MIMO supported

Digital Media

Multi-format SD media card reader

Sound

Audio by Bang & Olufsen with dual speakers

Integrated Keyboard

Full-size, island-style, 4-zone RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology
HP Imagepad with multi-touch gesture support

External I/O Ports Rear

1 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)^{8,9}
1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge)
2 SuperSpeed USB Type-A 5Gbps signaling rate
1 RJ-45
1 AC Smart pin
1 Headphone/microphone combo (DTS: X® Ultra)¹⁰
1 Mini DisplayPort™
1 HDMI 2.1

