

OMEN Laptop 15-en1097nr Product Specifications

Hardware

Software

Hardware

Product number	455C8UA
Product name	OMEN Laptop 15-en1097nr
Microprocessor	AMD Ryzen™ 5 5600H (3.3 GHz base clock, up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
Chipset	AMD Integrated SoC
Memory, standard	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Video graphics	<ul style="list-style-type: none">• AMD Radeon™ Graphics• Integrated
Hard drive	512 GB PCIe® NVMe™ TLC M.2 SSD
Optical drive	Optical drive not included

Display	15.6" diagonal, FHD (1920 x 1080), 144 Hz, 7 ms response time, IPS, micro-edge, anti-glare, 300 nits, 72% NTSC
Wireless connectivity	Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)
Network interface	Integrated 10/100/1000 GbE LAN
Expansion slots	1 multi-format SD media card reader
External ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Mini DisplayPort™; 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo
Minimum dimensions (W x D x H)	35.79 x 23.97 x 2.29 cm
Weight	Starting at 2.46 kg
Power supply type	200 W Smart AC power adapter
Battery type	6-cell, 70.9 Wh Li-ion polymer

Battery life mixed usage	Up to 8 hours
Video Playback Battery life	Up to 9 hours
Webcam	HP Wide Vision 720p HD camera with integrated dual array digital microphones
Audio features	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost

Software

Operating system	Windows 10 Home 64
HP apps	HP Audio Switch; HP Support Assistant; HP Connection Optimizer; HP BIOS Protection; HP QuickDrop; MyHP; OMEN Gaming Hub
Software included	McAfee LiveSafe™
Pre-installed software	Netflix
Software - Productivity & finance	1 month trial for new Microsoft 365 customers