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OMEN by HP Laptop 16-b0017nb Product Specifications

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Hardware

Product number	5D650EA
Product name	OMEN by HP Laptop 16-b0017nb
Microprocessor	Intel® Core™ i7-11800H (up to 4.6 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores, 16 threads)
Chipset	Intel® HM570
Memory, standard	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Video graphics	NVIDIA® GeForce RTX™ 3060 Laptop GPU (6 GB GDDR6 dedicated)
Hard drive	1 TB PCIe® NVMe™ TLC M.2 SSD
Optical drive	Optical drive not included
Display	40.9 cm (16.1") diagonal, QHD (2560 x 1440), 165 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 300 nits, 100% sRGB
Wireless connectivity	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)
Network interface	Integrated 10/100/1000 GbE LAN

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Expansion slots	1 multi-format SD media card reader
External ports	1 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, 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 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo; 1 mini DisplayPort™
Minimum dimensions (W x D x H)	36.92 x 24.8 x 2.3 cm
Weight	2.31 kg
Power supply type	230 W AC power adapter
Battery type	4-cell, 70 Wh Li-ion polymer
Battery life mixed usage	Up to 5 hours and 30 minutes
Video Playback Battery life	Up to 6 hours and 30 minutes
Webcam	HP Wide Vision 720p HD camera with integrated dual array digital microphones
Audio	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost

Software

Operating system	Windows 11 Home
HP apps	HP Audio Switch; HP Connection Optimizer; HP QuickDrop; OMEN Gaming Hub
Software included	McAfee LiveSafe™
Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)