



Victus Gaming Laptop 16-r0050nia (81Q08EA)

Operating system	FreeDOS 3.0
Processor family	13th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-13700H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) ^[1, 2]
Chipset	Intel® integrated SoC
Graphics	(Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics.)
Graphics	Discrete, NVIDIA® GeForce RTX™ 4050 Laptop GPU (6 GB GDDR6 dedicated)
Memory	16 GB DDR5-5200 MHz RAM (2 x 8 GB) (Transfer rates up to 5200 MT/s.)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Hard drive (2nd)	1 TB PCIe® Gen4 NVMe™ Performance M.2 SSD
Display	40.9 cm (16.1") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC ^[3]
Touchscreen	No
Screen-to-body ratio (without speakers)	83.4% ^[4]
Color gamut	45% NTSC
Brightness	250 nits
Flicker-free	Yes ^[5]
Minimum dimensions (W x D x H)	36.9 x 25.94 x 2.29 cm (front); 36.9 x 25.94 x 2.39 cm (rear)
Weight	2.33 kg
Battery type	4-cell, 70 Wh Li-ion polymer ^[6]
Battery life	Up to 7 hours and 15 minutes ^[7]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[8]
Wireless	MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) ^[9, 10, 11] (Modern Standby (Connected); HP Extended Range Wireless LAN)
Network interface	Integrated 10/100/1000 GbE LAN
Product color	Performance blue, chrome logo
Keyboard	Full-size, backlit, performance blue opaque keyboard with numeric keypad
Camera	HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones
Audio	Audio by B&O; Dual speakers; HP Audio Boost
Pointing device	HP Imagepad
Ports	1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo ^[12, 13]
Power supply type	230 W Smart AC power adapter
Security management	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Input devices	IR thermal sensor
Sustainable impact specifications	Ocean-bound plastic in bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic ^[14, 15]
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.