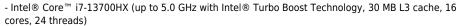


OMEN by HP 17-cm2000na Intel® Core™ i7 i7-13700HX Laptop 43.9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand: HP Product family: OMEN by HP Product code: 7K837EA

Product name: 17-cm2000na



- Windows 11 Home

Processor cores

16

- 43.9 cm (17.3") diagonal QHD display
- NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated)
- 16 GB memory; 1 TB SSD storage

OMEN by HP Laptop 17-cm2000na, Windows 11 Home, 17.3", Intel® Core™ i7, 16GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4070, QHD, Shadow black

OMEN by HP 17-cm2000na Intel® Core $^{\text{TM}}$ i7 i7-13700HX Laptop 43.9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black:

Powerful gaming, anytime, anywhere

Step up your game with the OMEN by HP 17.3" Gaming Laptop PC, powered by a 13th Gen Intel® Core™ Processor^[1] and NVIDIA® GeForce RTX™ Graphics. The floating hinge design and high-res, fast refresh rate display lets you play at your best from anywhere. Customize game play with the OMEN Gaming Hub and stay cool with OMEN Tempest Cooling technology^[2].











Design		Network	
Colour name Product type * Product colour *	Shadow black cover and base, shadow black aluminum keyboard frame Laptop Black	Bluetooth Bluetooth version MIMO MIMO type Cabling technology	5.3Multi User MIMO10/100/1000Base-T(X)
Form factor *	Clamshell	Ports & interfaces	
Market positioning Introduction year Product design	Gaming 2023 Paint finish cover and base,	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
rioduct design	sandblasted keyboard frame	Ethernet LAN (RJ-45) ports	1
Original brand name	HP	HDMI ports quantity *	1
Display		HDMI version	2.1
Display diagonal * Display resolution * Touchscreen * HD type Panel type Native aspect ratio Anti-glare screen Display bezel technology Display brightness Display diagonal (metric) RGB colour space Colour gamut	43.9 cm (17.3") 2560 x 1440 pixels	Mini DisplayPorts quantity Thunderbolt 3 ports quantity Combo headphone/mic port Charging port type USB Type-C DisplayPort Alternate Mode USB Power Delivery USB Sleep-and-Charge USB Sleep-and-Charge ports Performance Motherboard chipset Temperature sensor	1 1 VUSB Type-C V Intel HM770
Display response rise/fall	3 ms	Keyboard	
Maximum refresh rate	165 Hz	Pointing device	Touchpad
Processor		Numeric keypad *	X
Processor manufacturer * Processor family * Processor generation Processor model *	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13700HX	Keyboard backlit Keyboard backlit colour Full-size keyboard	√ RGB ✓

Processor		Software	
Processor threads Processor boost frequency Processor cache Processor cache type Bus type	24 5 GHz 30 MB Smart Cache DMI4	Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee LiveSafe™; Xbox Game Pass 1- month free trial
Configurable TDP-down	45 W	Trial software	25 GB Dropbox storage for 12 months
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Processor special features	
Internal memory type Memory clock speed Memory form factor Memory layout (slots x size) Memory slots (available) Number of free internal memory expansion slots ECC Non-ECC	DDR5-SDRAM 4800 MHz SO-DIMM 2 x 8 GB 2 2	Intel Flex Memory Access Intel VT-x with Extended Page Tables (EPT) CPU configuration (max) Embedded options available Intel Virtualization Technology for Directed I/O (VT-d) Intel Virtualization Technology (VT-x)	√ √ 1 X ✓
Storage		Brand-specific features	
Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed SSD capacity SSD memory type SSD interface NVMe SSD form factor Optical drive type * Card reader integrated Compatible memory cards	1 TB SSD 1 TB 1 1 TB TLC PCI Express M.2 SD	HP Audio Boost HP speaker type HP Smart AC Adapter HP Imagepad HP front camera HP Security tools HP Software provided HP segment HP GTIN (EAN/UPC)	HP Dual Speakers HP Wide Vision HD Trusted Platform Module (Firmware TPM) support HP Support Assistant; HP Connection Optimizer; HP QuickDrop; MyHP; OMEN Gaming Hub Home 197192578551
Graphics		Battery	
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	NVIDIA NVIDIA GeForce RTX 4070 8 GB GDDR6 Intel Intel® UHD Graphics Intel® UHD Graphics	Battery technology Number of battery cells Battery capacity * Battery life (max) Continuous video playback time Fast charging Fast charging time (50%) Battery weight Power	Lithium Polymer (LiPo) 6 83 Wh 5.25 h 6.5 h
Audio		AC adapter power	330 W
Audio system Built-in speaker(s) Number of built-in speakers Speakers manufacturer Built-in microphone	B&O PLAY ✓ 2 Bang & Olufsen ✓	AC adapter frequency AC adapter input voltage Security Trusted Platform Module (TPM) Password protection	50 - 60 Hz 100 - 240 V
Number of microphones	2	Password protection type	BIOS, Power on, User
Camera		Sustainability	
Front camera Front camera HD type	√ HD	Sustainability certificates	EPEAT Silver
Network Top Wi-Fi standard * Wi-Fi standards Mobile network connection *	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)	Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s); Recycled metal in keyboard frame and hinge cap(s); Keyboard keycaps made with post- consumer recycled plastic
Antenna type	2x2	Weight & dimensions	
WLAN controller model WLAN controller manufacturer Ethernet LAN	Intel Wi-Fi 6E AX211 Intel	Width Depth Height	397.1 mm 262 mm 27 mm

Network		Weight & dimensions		
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	2.78 kg	
		Packaging data		
		Package width	69 mm	
		Package depth	624 mm	
		Package height	345 mm	
		Package weight	5.45 kg	
		Packaging content		
		Keyboard included	✓	
		Logistics data		
		Harmonized System (HS) code	8471300000	
		Other features		
		Number of speakers	2	





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