

OMEN by HP 17-cm2001na Intel® Core™ i7 i7-13700HX Laptop 43.9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : HP

Product family: OMEN by HP Product code: 7K840EA

Product name : 17-cm2001na

- Intel® Core™ i7-13700HX (up to 5.0 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)

- Windows 11 Home

Design

- 43.9 cm (17.3") diagonal QHD display
- NVIDIA® GeForce RTX[™] 4060 Laptop GPU (8 GB GDDR6 dedicated)
- 16 GB memory; 1 TB SSD storage

OMEN by HP Laptop 17-cm2001na, Windows 11 Home, 17.3", Intel® Core™ i7, 16GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4060, QHD, Shadow black

OMEN by HP 17-cm2001na Intel® Core™ i7 i7-13700HX Laptop 43.9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 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].







Shadow black aluminum keyboar hadow black aluminum keyboar biduet tops:Bluetooth version Bluetooth versionProduct tope *LaptopMIMO typeMulti User MIMOProduct colour *BlackCabling technologyMulti User MIMOForm factor *GamingPorts 6 interfacesTurtoution userMarket positioningGamingVers 5 interfaces*Product designGamingUSB 3,2 Gen 1 (3,1 Gen 1) Type- ports quantity *3Product designSandblasted keyboard frame sandblasted keyboard frameHDM ports quantity *1Display Gagonal *3,9 cm (17,3")HDM ports quantity *1Display diagonal *3,5 cm (17,3")Tunderbolt 3 ports quantity1Display diagonal *Sa 50 x 1440 pixelsCombo headphone/mic port4Orduct cree *Quad HOUSB Type-C DisplayPort Alternate Mode*Display diagonal (metric)4.0USB Sleep-and-Charge2Display brightnessGaModer*Display diagonal (metric)4.0ModerModerDisplay diagonal (metric)10%Temperature sensor* <th>Design</th> <th></th> <th>Network</th> <th></th>	Design		Network	
Introduction year2023USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *3Product designPaint finish cover and base, sandblasted keyboard frameUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *1Original brand nameHPHDMI pers quantity *1DisplayHPHDMI version2.1Display diagonal *4.3.9 cm (17.3")Thunderbolt 3 ports quantity1Display resolution *2560 x 1440 pixelsCombo headphone/mic portDuchscreen *KCombo headphone/mic portHD typeQuad HDUSB Type-C DisplayPort Alternate ModePanel typeIf-9USB Spee-CholsplayPort Alternate ModeNative aspect ratio16:9USB Spee-CholsplayPort Alternate USB Sigee-and-ChargeDisplay brightness300 cd/m2USB Sigee-and-ChargeDisplay diagonal (metric)43.9 cmPerformanceRGB colour spacesRGBMotherboard chipsetIntel HM770Colour gamut100%Temperature sensorDisplay resonse rise/fall3 msEeyboardMaximum refresh rateIntelCore " i7Notheriba colourProcessor family *IntelKeyboard backlit colourRGBProcessor generation11Keyboard backlit colourKeyboard backlit colourProcessor generation11Yell-size keyboardProcessor generation11Yell-size keyboardProcessor generation13thg	Product type * Product colour *	e shadow black aluminum keyboard frame e * Laptop bur * Black	Bluetooth version MIMO MIMO type	5.3 ✓ Multi User MIMO
Product designPaint finish cover and base, sandblasted keyboard frameports quantity *Sandblasted keyboardProduct designPaint finish cover and base, sandblasted keyboard frameEthernet LAN (RJ-45) ports1DisplayIIIDisplay diagonal *43.9 cm (17.3")HDMI version2.1Display diagonal *2560 x 1440 pixelsThunderbolt 3 ports quantity1Display resolution *2560 x 1440 pixelsCombo headphone/mic portDut bypeQuad HDUSB Type-C DisplayPort Alternate ModePanel typeIPSUSB Type-C DisplayPort Alternate ModeNative aspect ratio16.9USB Power DeliveryAnti-glare screen✓USB Stepe-and-ChargeDisplay brightness300 cd/m²USB Stepe-and-Charge portsDisplay diagonal (metric)43.9 cmPerformanceRGB colour spacesRGBMotherboard chipsetColour gamut100%Temperature sensorDisplay resonse rise/fall3 msExeboardMaximum refresh rate165 HzPointing deviceTouchpadProcessorIntelCore" 17Keyboard chipsetProcessor family *IntelCore" 17Full-size keyboardProcessor generation13th gen Intel® Core" 17Full-size keyboardProcessor generation13th gen Intel® Core" 17Full-size keyboardProcessor generation13th gen Intel® Core " 17		5		
DisplayHDMI version2.1Display diagonal *43.9 cm (17.3")Mini DisplayPorts quantity1Display resolution *2560 x 1440 pixelsThunderbolt 3 ports quantity1Touchscreen *XCombo headphone/mic port✓HD typeQuad HDUSB Type-C DisplayPort Alternate Mode✓Panel typeIPSUSB Power Delivery✓Native aspect ratio16:9USB Power Delivery✓Anti-glare screen✓USB Sleep-and-Charge✓Display bezel technologyMicro-Edge 3.00 cd/m²USB Sleep-and-Charge✓Display diagonal (metric)43.9 cmPerformance✓RGB colour spaceSRGBMotherboard chipset Temperature sensorIntel HM770Colour gamut100%Temperature sensor✓Display response rise/fall3 msKeyboardTouchpadMaximum refresh rate165 HzPointing deviceTouchpadProcessorIntel ® Core " 17 Processor generationIntel @ Core " 17 Ful-size keyboardKeyboardKGBProcessor generation13th gen Intel ® Core " 17 Ful-size keyboard✓RGBProcessor model *13th gen Intel ® Core " 17Ful-size keyboard✓	Product design	Paint finish cover and base, sandblasted keyboard frame	ports quantity * Ethernet LAN (RJ-45) ports	3
DisplayMini DisplayPorts quantity1Display diagonal *43.9 cm (17.3")Thunderbolt 3 ports quantity1Display resolution *2560 x 1440 pixelsCombo headphone/mic port✓Touchscreen *XCharging port typeUSB Type-CHD typeQuad HDUSB Type-C DisplayPort Alternate Mode✓Panel typeIPSUSB Stype-C DisplayPort Alternate Mode✓Anti-glare screen✓USB Sleep-and-Charge✓Display bezel technologyMicro-EdgeUSB Sleep-and-Charge ports2Display brightness300 cd/m²USB Sleep-and-Charge ports2Display diagonal (metric)43.9 cmPerformance✓RGB colour spacesRGBMotherboard chipsetIntel HM770Colour gamut100%Temperature sensor✓TouchpadDisplay response riselfall3 msKeyboardXMaximum refresh rateIntel % Core ** i7Numeric keypad *XProcessor manufacturer *Intel % Core ** i7Keyboard backlit colourRGBProcessor generation13th gen Intel % Core ** i7Full-size keyboard✓Processor model *i7-13700HXFull-size keyboard✓	Original brand name	HP	1 1 2	-
Display diagonal *43.9 cm (17.3")Thunderbolt 3 ports quantity1Display resolution *2560 x 1440 pixelsCombo headphone/mic portTouchscreen *XCharging port typeUSB Type-CHD typeQuad HDUSB Type-C DisplayPort Alternate ModePanel typeI6:9USB Power DeliveryAnti-glare screenUSB Sleep-and-ChargeDisplay bezel technologyMicro-EdgeUSB Sleep-and-Charge ports2Display bezel technologyMicro-EdgeUSB Sleep-and-Charge ports2Display diagonal (metric)43.9 cmPerformanceRGB colour spacesRGBMotherboard chipsetIntel HM770Colour gamut100%Temperature sensorDisplay response rise/fall3 msKeyboardXuerick keypad *Processor manufacturer *IntelForting deviceMueric keypad *Processor family *Intel Core ** i7Keyboard backlit colourRGBProcessor generation13th gen Intel® Core ** i7Full-size keyboardProcessor model *i7-13700HXFull-size keyboard	Display			
Maximum refresh rate165 HzPointing deviceTouchpadProcessorNumeric keypad *XProcessor manufacturer *IntelKeyboard backlit✓Processor family *Intel® Core™ i7Keyboard backlit colourRGBProcessor generation13th gen Intel® Core™ i7Full-size keyboard✓Processor model *i7-13700HXIntel® Core™ i7Intel® Core™ i7	Display resolution * Touchscreen * HD type Panel type Native aspect ratio Anti-glare screen Display bezel technology Display brightness Display diagonal (metric) RGB colour space	2560 x 1440 pixels ➤ Quad HD IPS 16:9 ✓ Micro-Edge 300 cd/m ² 43.9 cm sRGB	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	1 ✓ USB Type-C ✓ ✓ 2 Intel HM770
Processor Intel Keyboard backlit ✓ Processor family * Intel® Core™ i7 Keyboard backlit colour RGB Processor generation 13th gen Intel® Core™ i7 Full-size keyboard ✓			Keyboard	
Processor generation 13th gen Intel® Core™ i7 Full-size keyboard Processor model * i7-13700HX	Processor	Numeric keypad * Keyboard backlit	×	
	Processor generation Processor model *	13th gen Intel® Core™ i7 i7-13700HX	-	

Network

Drococcor		Coftware	
Processor	24	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	DDR5-SDRAM 4800 MHz SO-DIMM 2 x 8 GB 2 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-	✓ ✓ 1 ★ ✓
Non-ECC	4	x)	
Storage	1 70	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 Graphics Discrete GPU manufacturer Discrete graphics card memory Discrete graphics card memory Discrete graphics card 4 On-board GPU manufacturer Discrete graphics card 4 On-board GPU manufacturer Discrete graphics card 4 On-board graphics card family On-board graphics card family	1 TB SSD 1 TB 1 1 TB TLC PCI Express ✓ M.2 X SD NVIDIA NVIDIA GEForce RTX 3060 8 GB GDDR6 ✓ Intel ♥ Intel ♥ UHD Graphics Intel ♥ UHD Graphics	HP Audio Boost HP speaker type HP Smart AC Adapter HP Imagepad HP front camera HP Security tools HP Security tools HP Software provided HP segment HP GTIN (EAN/UPC) Battery Battery technology Number of battery cells Battery capacity * Battery life (max) Continuous video playback time Fast charging Fast charging time (50%) Battery weight	 ✓ ✓ 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 197192578568 Lithium Polymer (LiPo) 6 83 Wh 5.25 h 6.5 h ✓ 30 min 315 g
Audio		Power	330 W
Audio system Built-in speaker(s) Number of built-in speakers Speakers manufacturer Built-in microphone Number of microphones	B&O PLAY ✓ 2 Bang & Olufsen ✓ 2	AC adapter power AC adapter frequency AC adapter input voltage Security Trusted Platform Module (TPM) Password protection Descuered protection	50 - 60 Hz 100 - 240 V
Camera		Password protection type	BIOS, Power on, User
Front camera	<	Sustainability	EDEAT Silver
Front camera HD type	HD	Sustainability certificates	EPEAT Silver Ocean-bound plastic in speaker
Network Top Wi-Fi standard * Wi-Fi standards	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)	Sustainable technologies and materials	enclosure(s); Recycled metal in keyboard frame and hinge cap(s); Keyboard keycaps made with post- consumer recycled plastic
Mobile network connection * Antenna type	X 2x2	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width	397.1 mm
WLAN controller manufacturer	Intel	Depth	262 mm
Ethernet LAN	4	Height	27 mm

Network

Ethernet LAN data rates

10,100,1000 Mbit/s

Weight & dimensions					
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	1				
Logistics data					
Harmonized System (HS) code	8471300000				
Other features					
Number of speakers	2				





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