HP CQ9M6EA laptop Intel Core Ultra 9 275HX 40,6 cm (16") 2K 32 GB DDR5-SDRAM NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home AI PC Black

Brand : HP

Article code: CQ9M6EA

Product name : CQ9M6EA

HP CQ9M6EA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 40,6 cm (16"), HD type: 2K, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Discrete graphics card model: NVIDIA GeForce RTX 5070 Ti. Operating system installed: Windows 11 Home. Product color: Black. Weight: 2,76 kg

Design	
Color name	Shadow black
Product type *	Laptop
Product color *	Black
Form factor *	Clamshell
Market positioning	Gaming
Original brand name	HP

Display	
Display diagonal *	40,6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	2K
Panel type	IPS
Native aspect ratio	16:10
Display bezel technology	Micro-Edge
Display brightness	400 cd/m²
Display diagonal (metric)	40,6 cm
RGB color space	sRGB
Color gamut	100%
Display response rise/fall	3 ms
Maximum refresh rate	165 Hz
sRGB coverage (typical)	100%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 9
Processor model *	275HX
Processor cores	24
Processor threads	24
Processor boost frequency	5,4 GHz
Processor cache	36 MB
Processor cache type	L3

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
NPU performance up to	13 TOPs

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 16 GB

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB4 Gen 3×2 ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Microphone in	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	2

Performance	
Motherboard chipset	Intel HM870
Temperature sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit color	RGB
Keyboard backlit zone	Per-key RGB
Full-size keyboard	✔
Keyboard colour name	Shadow black

Software	
Operating system installed *	Windows 11 Home

Processor special features	
Intel® Turbo Boost Technology	✔

Brand-specific features	
HP Audio Boost	✔
HP Imagepad	✔
HP Security tools	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
HP Artificial Intelligence	AI PC
HP segment	Home

Battery	
Battery technology	Lithium Polymer (LiPo)

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR7
Discrete graphics card *	✔
NVIDIA G-SYNC	✔

Audio	
Audio system	DTS:X Ultra
Built-in speaker(s)	✔
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network	
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	2500,10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Battery	
Number of battery cells	6
Battery capacity *	83 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power	
AC adapter power	330 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Power Delivery	✔

Security	
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, Power on

Sustainability	
Sustainability certificates	EPEAT Gold

Weight & dimensions	
Width	356,5 mm
Depth	269 mm
Height (front)	2,29 cm
Height (rear)	2,48 cm
Weight *	2,76 kg

Packaging data	
Package width	94 mm
Package depth	428 mm
Package height	332 mm
Package weight	4,74 kg

Packaging content	
Keyboard included	✔

Other features	
UNSPSC-code	43211503

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 16-MAR-2026. Prints or copies of Information are only valid on the printed Publication date