HP C7GX8EA laptop Copilot+ PC AMD Ryzen AI 9 365 43,9 cm (17.3") Full HD 32 GB DDR5-SDRAM NVIDIA GeForce RTX 5060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : HP

Article code: C7GX8EA

Product name : C7GX8EA

HP C7GX8EA. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 365. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Discrete graphics card model: NVIDIA GeForce RTX 5060. Operating system installed: Windows 11 Home. Product color: Black. Weight: 2,95 kg

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

Display	
Display diagonal *	43,9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✕
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Display bezel technology	Micro-Edge
Display brightness	300 cd/m²
Display diagonal (metric)	43,9 cm
RGB color space	sRGB
Color gamut	100%
Display response rise/fall	7 ms
Maximum refresh rate	144 Hz
sRGB coverage (typical)	100%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 9
Processor model *	365
Processor cores	10
Processor threads	20
Processor boost frequency	5 GHz
Processor cache	24 MB
Processor cache type	L3

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	AMD Ryzen AI
NPU performance up to	50 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

Network	
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.4
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
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	AMD SoC
Temperature sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Full-size keyboard	✔
Keyboard colour name	Shadow black

Software	
Operating system installed *	Windows 11 Home

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

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	83 Wh

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
Discrete graphics card *	✔
AMD FreeSync	✔

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 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Antenna type	2x2
WLAN controller manufacturer	Realtek
Ethernet LAN	✔

Battery	
Fast charging	✔
Fast charging time (50%)	30 min

Power	
AC adapter power	230 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	ENERGY STAR, EPEAT, EPEAT Gold

Weight & dimensions	
Width	397,5 mm
Depth	277,9 mm
Height (front)	2,75 cm
Height (rear)	3 cm
Weight *	2,95 kg

Packaging data	
Package width	94 mm
Package depth	461 mm
Package height	332 mm
Package weight	4,64 kg

Packaging content	
Keyboard included	✔

Other features	
UNSPSC-code	43211503

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