



HP EliteBook X G1a AMD Ryzen AI 9 HX PRO 375 Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook

Product code: B66PTES

Product name : EliteBook X G1a



- Windows 11 Pro
- AMD Ryzen AI 9 HX PRO 375 (24MB Cache, 2GHz)
- 14" WUXGA 1920 x 1200
- 32GB LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen AI 9 HX PRO 375 (24MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 14" WUXGA 1920 x 1200, AMD Radeon 890M, Webcam, Windows 11 Pro

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The game-changing AI PC tech experts dream about

Innovate with the speed of local AI on the HP EliteBook X G1a Next Gen AI PC. With on device AI, demanding users can easily jumpstart projects, accelerate initiatives, and multitask with ease. Utilize optimized collaboration features that run on the NPU easing the demand on battery life.

Design		Audio	
Product type *	Laptop	Number of microphones	2
Product colour *	Silver	Camera	
Form factor *	Clamshell	Front camera	✓
Display		Front camera resolution (numeric)	5 MP
Display diagonal *	35.6 cm (14")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Network	
HD type	WUXGA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display brightness	400 cd/m²	WLAN controller model	MediaTek MT7925
Display diagonal (metric)	35.6 cm	WLAN controller manufacturer	MediaTek
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor family *	AMD Ryzen AI 9 HX PRO	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	AMD Ryzen AI PRO 300 Series	HDMI ports quantity *	1
Processor model *	375	HDMI version	2.1
Processor cores	12	Thunderbolt 4 ports quantity	2
Processor threads	24	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.1 GHz	Performance	
Processor frequency *	2 GHz	Temperature sensor	✓
Processor cache	24 MB	Keyboard	
Processor cache type	L3	Pointing device	Clickpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	85 TOPs		
NPU performance up to	55 TOPs		
Memory			
Internal memory *	32 GB		

Memory		Keyboard	
Internal memory type	LPDDR5x-SDRAM	Island-style keyboard	✓
Memory form factor	On-board		
Maximum internal memory *	32 GB		
Memory data transfer rate	8533 MT/s		
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Pro
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Brand-specific features	
Discrete graphics card model *	Not available	HP Connection Optimizer	✓
On-board graphics card *	✓	HP Support Assistant	✓
On-board GPU manufacturer	AMD	HP segment	Business
Discrete graphics card *	✗		
On-board graphics card family	AMD Radeon		
On-board graphics card model *	AMD Radeon 890M		
Audio		Battery	
Number of built-in speakers	4	Battery technology	Lithium Polymer (LiPo)
Built-in microphone	✓	Number of battery cells	4
		Battery capacity *	74.5 Wh
		Fast charging	✓
		Fast charging time (50%)	30 min
		Power	
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Weight & dimensions	
		Width	312.2 mm
		Depth	214.7 mm
		Height (front)	9.22 mm
		Height (rear)	1.32 cm
		Weight *	1.49 kg



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