



**HP EliteStudio 8 AiO G1i U523516GB/512PC Intel Core Ultra 5 235
60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-
SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 7 (802.11be) AI PC
Silver**



Brand : HP

Product family: EliteStudio 8

Product code: CD6N2ET#UUW

Product name : EliteStudio 8
AiO G1i U523516GB/512PC

HP EliteStudio 8 AiO G1i U523516GB/512PC. Product type: All-in-One PC. Display diagonal: 60.5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel Core Ultra 5. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Silver

Display		Camera	
Display diagonal *	60.5 cm (23.8")	Total megapixels	5 MP
Display resolution *	1920 x 1080 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type *	Full HD	Wi-Fi *	✓
Display brightness	250 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	IPS	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	sRGB	WLAN controller manufacturer	Intel
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Low Blue Light technology	✓	Antenna type	2x2
Colour gamut	99%	Ethernet LAN *	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth *	✓
Processor family *	Intel Core Ultra 5	Bluetooth version	5.4
Processor generation	Intel Core Ultra (Series 2)	Ports & interfaces	
Processor model *	235	Ethernet LAN (RJ-45) ports	1
Processor cores	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor threads	14	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor boost frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance cores	6	USB4 Gen 3x2 ports quantity *	1
Efficient cores	8	USB 3.2 Gen 2x2 Type-C ports quantity	1
Performance-core Max Turbo Frequency	5 GHz	Intel® Thunderbolt 4	✓
Efficient-core Max Turbo Frequency	4.4 GHz	Thunderbolt 4 ports quantity	1
Performance-core base frequency	3.4 GHz	HDMI ports quantity *	1
Efficient-core base frequency	2.9 GHz	HDMI version	2.1
Processor cache	24 MB	DisplayPorts quantity	1
Processor cache type	L3	Combo headphone/mic port	✓
Processor base power	65 W		
Maximum turbo power	121 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost		

Neural processor unit (NPU)		Design	
Sparsity support	✓	Colour name	Pike silver
Windows Studio effects support	✓	Product colour *	Silver
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Introduction year	2025
Total processor performance up to	27 TOPs	Country of origin	Czech Republic
NPU performance up to	13 TOPs	Performance	
GPU performance up to	6 TOPs	Product type *	All-in-One PC
Memory		Market positioning	Business
Internal memory *	16 GB	Motherboard chipset	Intel® Q870
Internal memory type	DDR5-SDRAM	Software	
Memory slots	2	Operating system installed *	Windows 11 Pro
Memory slots type	SO-DIMM	Processor special features	
Memory clock speed	5600 MHz	Intel® Turbo Boost Technology	✓
Memory layout (slots x size)	1 x 16 GB	Brand-specific features	
Memory form factor	DIMM/SO-DIMM	HP Support Assistant	✓
Memory data transfer rate	5600 MT/s	HP segment	Business
Storage		HP Software provided	HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows
Total storage capacity *	512 GB	HP Artificial Intelligence	AI PC
Storage media *	SSD	Power	
Number of storage drives installed	1	AC adapter power	280 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	Weight & dimensions	
SSD interface	PCI Express	Width (with stand)	539.6 mm
NVMe	✓	Depth (with stand)	319.4 mm
SSD form factor	M.2	Height (with stand)	52.5 mm
Optical drive type *	✗	Weight (with stand)	6.3 kg
Graphics		Weight	6.3 kg
Discrete graphics card *	✗	Package width	750 mm
Discrete graphics card model *	Not available	Package depth	195 mm
On-board graphics card *	✓	Package height	480 mm
On-board GPU manufacturer	Intel	Package weight	15.4 kg
On-board graphics card family	Intel® Graphics	Operational conditions	
On-board graphics card model *	Intel® Graphics	Operating temperature (T-T)	10 - 35 °C
Audio		Operating relative humidity (H-H)	10 - 90%
Built-in speaker(s) *	✓	Sustainability	
Built-in microphone	✓	Sustainability compliance	✓
Audio chip	Realtek ALC3252	Sustainability certificates	ENERGY STAR
Camera		Logistics data	
Built-in camera *	✓	UNSPSC-code	43211507
		Other features	
		Chassis type	All-in-One
		Display diagonal (metric)	60.5 cm
		Display included	✓
		Intel® vPro™ Platform Eligibility	✓



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Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date