



**HP ProStudio 4 G1i AI PC 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 6E (802.11ax) Black**



Brand : HP

Product family: ProStudio 4

Product code: BY6X3ET

Product name : ProStudio 4
G1i AI PC

- Intel Core™ Ultra 5 235 (up to 5.0 GHz with Intel Turbo Boost Technology, 24 MB L3 cache, 14 cores, 14 threads)
 - Windows 11 Pro
 - 23.8" diagonal, FHD (1920 x 1080), IPS, anti-glare, TUV Rhineland Low Blue Light, 250 nits, 72% NTSC, 60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, TUV Rhineland Low Blue Light, 250 nits, 72% NTSC
 - Intel Graphics
 - 16 GB DDR5-5600 MT/s (2 x 8 GB), 512 GB PCIe NVMe™ M.2 SSD
- ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC, 23.8", Windows 11 Pro, Intel Core™ Ultra 5, 16GB RAM, 512GB SSD, FHD

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Collaborative power — packed in a space-saving AiO AI PC

The HP ProStudio 4 AiO G1i Desktop AI PC empowers users with business-grade features that enhance collaboration and productivity, supporting seamless coordination. Easy plug and play set up with a small footprint allows workspace organization, while the Intel CPU^[2] with a 13 TOPS NPU^[3] and a 5 MP camera help users stay connected and achieve goals.

Display		Network	
Display diagonal *	60.5 cm (23.8")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6E AX211
HD type *	Full HD	Antenna type	2x2
Display brightness	250 cd/m ²	Ethernet LAN *	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
NTSC coverage (typical)	72%	Bluetooth *	✓
RGB colour space	NTSC	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Colour gamut	72%	Ethernet LAN (RJ-45) ports	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	USB4 Gen 3x2 ports quantity *	1
Processor model *	235	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor cores	14	HDMI ports quantity *	2
Processor threads	14	Design	
Processor boost frequency	5 GHz	Product colour *	Black
Performance cores	6	Country of origin	China
Efficient cores	8	Performance	
Performance-core Max Turbo Frequency	5 GHz	Product type *	All-in-One PC
Efficient-core Max Turbo Frequency	4.4 GHz	Motherboard chipset	Intel® Q870
Performance-core base frequency	3.4 GHz	Software	
Efficient-core base frequency	2.9 GHz	Operating system installed *	Windows 11 Pro
Processor cache	24 MB		
Processor cache type	L3		
Processor base power	65 W		
Maximum turbo power	121 W		

Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Pre-installed software	HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Processor special features	
Total processor performance up to	27 TOPs	Intel® Turbo Boost Technology	✓
NPU performance up to	13 TOPs	Brand-specific features	
GPU performance up to	6 TOPs	HP segment	Business
Memory		HP Artificial Intelligence	AI PC
Internal memory *	16 GB	HP GTIN (EAN/UPC)	199485168272
Internal memory type	DDR5-SDRAM	Power	
Memory slots	2	AC adapter power	280 W
Memory slots type	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory clock speed	5600 MHz	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	2 x 8 GB	Weight & dimensions	
Memory form factor	DIMM/SO-DIMM	Width (with stand)	539.6 mm
Non-ECC	✓	Depth (with stand)	319.4 mm
Storage		Height (with stand)	52.5 mm
Total storage capacity *	512 GB	Weight (with stand)	6.3 kg
Storage media *	SSD	Weight	6.3 kg
Number of storage drives installed	1	Package width	750 mm
Total SSDs capacity	512 GB	Package depth	195 mm
Number of SSDs installed	1	Package height	480 mm
SSD capacity	512 GB	Package weight	14 kg
SSD interface	PCI Express	Operational conditions	
NVMe	✓	Operating temperature (T-T)	10 - 35 °C
SSD form factor	M.2	Operating relative humidity (H-H)	5 - 90%
Optical drive type *	✗	Sustainability	
Graphics		Sustainability compliance	✓
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT, TCO10
Discrete graphics card model *	Not available	Sustainable technologies and materials At least 20% recycled metal in enclosure; 5% recycled rare earth elements magnets in system; At least 60% recycled plastic in system; 35% recycled indium and 20% recycled glass in display panels; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 5% ocean-bound plastic in speaker enclosure; At least 25% ocean-bound plastic in thermal fan module; Bulk packaging available	
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Audio			
Built-in speaker(s) *	✓		
RMS rated power	4 W		
Built-in microphone	✓		
Audio chip	Realtek ALC3252		
Camera		Packaging content	
Built-in camera *	✓	Mouse included	✓
Total megapixels	5 MP	Mouse connectivity	Wired
Network		Keyboard included	✓
Wi-Fi *	✓	Keyboard connectivity	Wired
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Numeric keypad	✗
		Input device model	HP 125 Wired Mouse
		Logistics data	
		UNSPSC-code	43211507
		Other features	
		Chassis type	All-in-One
		Display diagonal (metric)	60.5 cm
		Display included	✓
		Power supply	280 W

Other features

Memory module type	SODIMM
Intel® vPro™ Platform Eligibility	✓
Manufacturer warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Technical details

General Product Safety Regulation (GPSR) URL https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true



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