



**HP ProStudio 4 G1i AI PC Intel Core Ultra 5 235T 60.5 cm (23.8")  
1920 x 1080 pixels Touchscreen 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:** BY6X0ET

**Product name :** ProStudio 4  
G1i AI PC

- Intel Core™ Ultra 5 235T (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), touch, IPS, anti-glare, Low Blue Light, 250 nits, 72% NTSC, 60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, Low Blue Light, 250 nits, 72% NTSC
  - Intel Graphics
  - 16 GB DDR5-5600 MT/s (1 x 16 GB), 512 GB PCIe NVMe™ M.2 SSD
- ProStudio 4 All-in-One G1i 23.8 inch Desktop AI PC, 23.8", Touch screen, Windows 11 Pro, Intel Core™ Ultra 5, 16GB RAM, 512GB SSD, FHD

[HP ProStudio 4 G1i AI PC Intel Core Ultra 5 235T 60.5 cm \(23.8"\) 1920 x 1080 pixels Touchscreen All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E \(802.11ax\) Black:](#)

**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<sup>(2)</sup> with a 13 TOPS NPU<sup>(3)</sup> and a 5 MP camera help users stay connected and achieve goals.

Display		Network	
Display diagonal *	60.5 cm (23.8")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1080 pixels	WLAN controller model	Intel Wi-Fi 6E AX211
Touchscreen *	✓	Antenna type	2x2
HD type *	Full HD	Ethernet LAN *	✓
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth *	✓
NTSC coverage (typical)	72%	Bluetooth version	5.3
RGB colour space	NTSC	<b>Ports &amp; interfaces</b>	
Colour gamut	72%	Ethernet LAN (RJ-45) ports	1
<b>Processor</b>		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 *	235T	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor cores	14	HDMI ports quantity *	2
Processor threads	14	<b>Design</b>	
Processor boost frequency	5 GHz	Product colour *	Black
Performance cores	6	Country of origin	China
Efficient cores	8	<b>Performance</b>	
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	2.2 GHz	<b>Software</b>	
Efficient-core base frequency	1.6 GHz	Operating system installed *	Windows 11 Pro
Processor cache	24 MB	Pre-installed software	HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows
Processor cache type	L3		
Processor base power	35 W		
Maximum turbo power	114 W		
<b>Neural processor unit (NPU)</b>			
Neural processor unit (NPU)	Intel AI Boost		

<b>Neural processor unit (NPU)</b>		<b>Processor special features</b>	
Sparsity support	✓	Intel® Turbo Boost Technology	✓
Windows Studio effects support	✓	<b>Brand-specific features</b>	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	HP segment	Business
Total processor performance up to	27 TOPs	HP Artificial Intelligence	AI PC
NPU performance up to	13 TOPs	HP GTIN (EAN/UPC)	199485137964
GPU performance up to	6 TOPs	<b>Power</b>	
<b>Memory</b>		AC adapter power	280 W
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory slots	2	<b>Weight &amp; dimensions</b>	
Memory slots type	SO-DIMM	Width (with stand)	539.6 mm
Memory clock speed	5600 MHz	Depth (with stand)	319.4 mm
Memory layout (slots x size)	1 x 16 GB	Height (with stand)	52.5 mm
Memory form factor	DIMM/SO-DIMM	Weight (with stand)	6.3 kg
<b>Storage</b>		Weight	6.3 kg
Total storage capacity *	512 GB	Package width	750 mm
Storage media *	SSD	Package depth	195 mm
Number of storage drives installed	1	Package height	480 mm
Total SSDs capacity	512 GB	Package weight	14 kg
Number of SSDs installed	1	<b>Operational conditions</b>	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
SSD interface	PCI Express	Operating relative humidity (H-H)	5 - 90%
NVMe	✓	<b>Sustainability</b>	
SSD form factor	M.2	Sustainability compliance	✓
Optical drive type *	✗	Sustainability certificates	ENERGY STAR, EPEAT, TCO10
<b>Graphics</b>		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	
Discrete graphics card *	✗	Sustainable technologies and materials	
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
<b>Audio</b>			
Built-in speaker(s) *	✓		
RMS rated power	4 W		
Built-in microphone	✓		
Audio chip	Realtek ALC3252		
<b>Camera</b>		<b>Packaging content</b>	
Built-in camera *	✓	Mouse included	✓
Total megapixels	5 MP	Mouse connectivity	Wired
<b>Network</b>		Keyboard included	✓
Wi-Fi *	✓	Keyboard connectivity	Wired
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Numeric keypad	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Input device model	HP 125 Wired Mouse
		<b>Logistics data</b>	
		UNSPSC-code	43211507
		Harmonized System (HS) code	8471410000
		<b>Other features</b>	
		Chassis type	All-in-One
		Display diagonal (metric)	60.5 cm
		Display included	✓
		Power supply	280 W
		Memory module type	SODIMM
		Intel® vPro™ Platform Eligibility	✓

## Other features

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.
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## Technical details

General Product Safety Regulation (GPSR) URL [https://support.hp.com/us-en/document/ish\\_6126692-6126777-16?openCLC=true](https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true)



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