HP ProBook 4 P4G1i14 U5 225U 14 16GB/512 PC NX Intel Core Ultra 5 Laptop 35.6 cm (14") WUXGA DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro AI PC Silver



Brand : HP **Product family:** ProBook 4 **Product code:** AD2R3ET#UUW

Product name : P4G1i14 U5 225U 14 16GB/512 PC NX



HP ProBook 4 P4G1i14 U5 225U 14 16GB/512 PC NX. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 225U. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.39 kg

Design	
Colour name	Pike silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Everyday
Intel® vPro™ Platform Eligibility	✕
Country of origin	China, Thailand
Original brand name	HP

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✕
HD type	WUXGA
Panel type	IPS
Display brightness	300 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	sRGB
Colour gamut	62.5%
sRGB coverage (typical)	62.5%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel Core Ultra (Series 2)
Processor model *	225U
Processor cores	12
Processor threads	14
Processor boost frequency	4.8 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz

Audio	
Number of built-in speakers	2
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

Network	
Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✕
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 7 BE201
WLAN controller manufacturer	Intel
Ethernet LAN	✔
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 *	2
USB 3.2 Gen 2x2 Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Microphone in	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	2

Processor	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz
Performance-core base frequency	1.5 GHz
Efficient-core base frequency	1.3 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	12 MB
Processor cache type	L3
Processor base power	15 W
Maximum turbo power	57 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML
NPU performance up to	12 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
Optical drive type *	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Audio	
Built-in speaker(s)	✔

Performance	
Temperature sensor	✔
Hall sensor	✔

Keyboard	
Pointing device	Clickpad
Numeric keypad *	✘
Keyboard backlit	✔
Spill-resistant keyboard	✔

Software	
Operating system installed *	Windows 11 Pro

Processor special features	
Intel® Turbo Boost Technology	✔

Brand-specific features	
HP speaker type	HP Dual Speakers
HP Artificial Intelligence	AI PC
HP segment	Business

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	56 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Fingerprint reader	✔
Password protection	✔
Password protection type	BIOS, Power on

Certificates	
Compliance certificates	CECP, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI

Sustainability	
Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
Sustainable technologies and materials	At least 50% recycled metal; HP paper-based packaging is from recycled or certified sources; At least 20% post-consumer recycled plastic; At least 50% ocean-bound plastic in fan enclosure; Low halogen; Bulk packaging available

Weight & dimensions	
Width	318.6 mm
Depth	224.3 mm
Height (front)	1.09 cm
Height (rear)	1.7 cm
Weight *	1.39 kg

Packaging content	
Keyboard included	✔

Other features	
UNSPSC-code	43211503

Other features	
Memory module type	SODIMM



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Publication date: 15-NOV-2026. Prints or copies of Information are only valid on the printed Publication date