HP ProBook 4 PB4G1a16AI R7-250 16 24GB/512 PC NX AMD Ryzen™ 7 Laptop 40.6 cm (16") 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:** B9YU1ET#UUW

Product name : PB4G1a16AI R7-250 16 24GB/512 PC NX

HP ProBook 4 PB4G1a16AI R7-250 16 24GB/512 PC NX. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 250, Processor frequency: 3.3 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 24 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Pro. Product colour: Silver



Design	
Colour name	Pike silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Everyday
Country of origin	China, Thailand
Original brand name	HP

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✕
HD type	WUXGA
Panel type	IPS
Display brightness	300 cd/m²
Display diagonal (metric)	40.6 cm
RGB colour space	sRGB
Colour gamut	62.5%
sRGB coverage (typical)	62.5%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor generation	AMD Ryzen 200 Series
Processor model *	250
Processor cores	8
Processor threads	16
Processor boost frequency	5.1 GHz
Processor frequency *	3.3 GHz
Processor cache	16 MB
Processor cache type	L3

Neural processor unit (NPU)	

Network	
Mobile network connection *	✕
Antenna type	2x2
WLAN controller model	MediaTek MT7925
WLAN controller manufacturer	MediaTek
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 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Microphone in	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Temperature sensor	✔
Hall sensor	✔
Repairability index	8.2

Keyboard	
Pointing device	Clickpad
Numeric keypad *	✔

Neural processor unit (NPU)	
Neural processor unit (NPU)	AMD Ryzen AI
NPU performance up to	16 TOPs

Memory	
Internal memory *	24 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	24 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 *	✘
Card reader integrated	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon 780M

Audio	
Built-in speaker(s)	✔
Number of built-in speakers	2
Built-in microphone	✔
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)

Keyboard	
Keyboard backlit	✔
Spill-resistant keyboard	✔

Software	
Operating system installed *	Windows 11 Pro

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

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	
Cable lock slot	✔
Fingerprint reader	✔
Password protection	✔
Password protection type	BIOS, Power on

Certificates	
Compliance certificates	CECP, GS mark, 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 25% post-consumer recycled plastic; At least 50% ocean-bound plastic; Low halogen; Bulk packaging available

Weight & dimensions	
Width	359.4 mm
Depth	251 mm
Height (front)	1.09 cm
Height (rear)	1.7 cm
Weight *	1.75 kg

Packaging content	
Keyboard included	✔

Other features	
UNSPSC-code	43211503
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