



HP ProBook 4 G1i AI Intel Core Ultra 7 255H Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro AI PC Silver

Brand : HP

Product family: ProBook 4

Product code: E08YTET#ABH

Product name : ProBook 4 G1i
AI

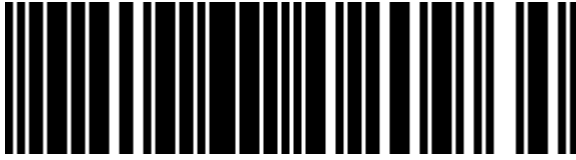


HP ProBook 4 G1i AI. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.39 kg

Design		Camera	
Colour name	Pike silver	Front camera resolution (numeric)	5 MP
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Silver	Network	
Form factor *	Clamshell	Wi-Fi	✓
Market positioning	Everyday	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2026	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Original brand name	HP	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	35.6 cm (14")	WLAN controller model	Intel Wi-Fi 6E AX211
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	WUXGA	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
Display brightness	300 cd/m²	Cabling technology	10/100/1000Base-T(X)
Display diagonal (metric)	35.6 cm	Ports & interfaces	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	62.5%	USB 3.2 Gen 2x2 Type-C ports quantity	2
sRGB coverage (typical)	62.5%	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Combo headphone/mic port	✓
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	255H	USB Sleep-and-Charge	✓
Processor cores	16	USB Sleep-and-Charge ports	2
Processor threads	16	Performance	
Processor boost frequency	5.1 GHz	Temperature sensor	✓
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Performance	
Performance-core Max Turbo Frequency	5.1 GHz	Hall sensor	✓
Efficient-core Max Turbo Frequency	4.4 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Clickpad
Performance-core base frequency	2 GHz	Numeric keypad *	✗
Efficient-core base frequency	1.5 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	700 MHz	Island-style keyboard	✓
Processor cache	24 MB	Spill-resistant keyboard	✓
Processor cache type	L3	Keyboard layout	QWERTY
Processor socket	BGA 2049	Software	
Processor base power	28 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	115 W	Processor special features	
Neural processor unit (NPU)		Intel® Turbo Boost Technology	✓
Neural processor unit (NPU)	Intel AI Boost	Brand-specific features	
Sparsity support	✓	HP speaker type	HP Dual Speakers
Windows Studio effects support	✓	HP Connection Optimizer	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	HP Support Assistant	✓
Total processor performance up to	96 TOPs	HP Artificial Intelligence	AI PC
NPU performance up to	13 TOPs	HP segment	Business
GPU performance up to	74 TOPs	Battery	
Memory		Battery technology	Lithium Polymer (LiPo)
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Battery capacity *	56 Wh
Memory clock speed	5600 MHz	Fast charging	✓
Memory form factor	SO-DIMM	Fast charging time (50%)	30 min
Memory layout (slots x size)	1 x 16 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	65 W
Storage media *	SSD	USB Type-C required charging power (max) *	100 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, Power on
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	CECP, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel Arc Graphics	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board graphics card model *	Intel Arc Graphics	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
Audio			
Built-in speaker(s)	✓		
Number of built-in speakers	2		
Built-in microphone	✓		
Number of microphones	2		
Camera			
Front camera	✓		

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
Memory module type	SODIMM



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