



HP ProBook 4 G1i AI Intel Core Ultra 7 255H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro AI PC Silver QWERTY

Brand : HP

Product family: ProBook 4

Product code: E08YWET#ABH

Product name : ProBook 4 G1i
AI

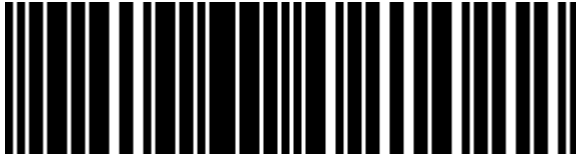


HP ProBook 4 G1i AI. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.74 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 *	40.6 cm (16")	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)	40.6 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	Microphone in	✓
Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓
Processor model *	255H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	16	USB Sleep-and-Charge	✓
Processor threads	16	USB Sleep-and-Charge ports	2
Processor boost frequency	5.1 GHz		
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		

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

Weight & dimensions	
Width	359.4 mm
Depth	251 mm
Height (front)	1.09 cm
Height (rear)	1.7 cm
Weight *	1.74 kg
Packaging content	
Keyboard included	✓
Other features	
UNSPSC-code	43211503
Memory module type	SODIMM



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