



HP EliteBook 6 G2i Next Gen AI Intel Core Ultra 7 355 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook

Product code: E04JDET

Product name : EliteBook 6
G2i Next Gen AI

HP EliteBook 6 G2i Next Gen AI. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 355. 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® Graphics. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Silver



Design		Camera	
Colour name	Pike silver	Front camera	✓
Product type *	Laptop	Front camera resolution (numeric)	5 MP
Product colour *	Silver	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Market positioning	Premium	Mobile network generation	5G
Introduction year	2026	Wi-Fi	✓
Original brand name	HP	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		Wi-Fi standards	Wi-Fi 7 (802.11be)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✓
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 7 BE211
HD type	WUXGA	WLAN controller manufacturer	Intel
Panel type	IPS	Ethernet LAN	✓
Display brightness	400 cd/m²	Bluetooth	✓
Display diagonal (metric)	40.6 cm	Bluetooth version	6.0
RGB colour space	sRGB	WWAN controller	HP R15 5G Solution
Colour gamut	100%	Ports & interfaces	
sRGB coverage (typical)	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB4 Gen 3x2 ports quantity	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel® Core™ Ultra (Series 3)	HDMI version	2.1
Processor model *	355	Thunderbolt 4 ports quantity	2
Processor cores	8	Intel® Thunderbolt 4	✓
Processor threads	8	Microphone in	✓
Processor boost frequency	4.7 GHz	Combo headphone/mic port	✓
Performance cores	4	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	4	Performance	
Performance-core Max Turbo Frequency	4.7 GHz	Temperature sensor	✓
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Hall sensor	✓
Performance-core base frequency	2.3 GHz	Keyboard	
Efficient-core base frequency	1.7 GHz	Pointing device	Clickpad
Low Power Efficient-core Base Frequency	1700 MHz	Numeric keypad *	✓
Processor cache	12 MB		

Processor		Keyboard	
Processor cache type	L3	Keyboard backlit	✓
Processor socket	FCBGA2540	Spill-resistant keyboard	✓
Processor base power	25 W	Software	
Maximum turbo power	55 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	OpenVINO, Windows ML, ONNX RT, WebNN	HP segment	Business
NPU performance up to	49 TOPs	Battery	
GPU performance up to	40 TOPs	Battery technology	Lithium Polymer (LiPo)
Memory		Number of battery cells	3
Internal memory *	16 GB	Battery capacity *	68 Wh
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory clock speed	5600 MHz	Fast charging time (50%)	30 min
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	1 x 16 GB	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	USB Type-C charging port *	✓
Non-ECC	✓	USB Type-C required charging power (min) *	65 W
Storage		USB Type-C required charging power (max) *	100 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Nano
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Compliance certificates	GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board GPU manufacturer	Intel	Sustainable technologies and materials	
Discrete graphics card *	✗		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics	Weight & dimensions	
Ray tracing acceleration	✓		
Audio			
Built-in speaker(s)	✓		
Number of built-in speakers	2		
Number of microphones	2	Packaging content	
		Keyboard included	✓
		Other features	

Other features

UNSPSC-code	43211503
Memory module type	SODIMM



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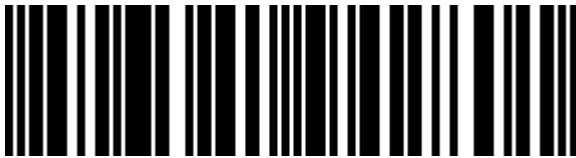
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