



HP EliteBook 6 EB6G1a16 R7-250 16 16GB/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: EliteBook 6

Product code: AD3B3ET#UUW

Product name : EB6G1a16
R7-250 16 16GB/512 PC NX



HP EliteBook 6 EB6G1a16 R7-250 16 16GB/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: 16 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		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	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Introduction year	2025	Wi-Fi standards	Wi-Fi 7 (802.11be)
Original brand name	HP	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	WLAN controller model	MediaTek MT7925
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	MediaTek
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.4
Panel type	IPS	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	Ethernet LAN (RJ-45) ports	1
Display diagonal (metric)	40.6 cm	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.1
Colour gamut	62.5%	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	250	Performance	
Processor cores	8	Hall sensor	✓
Processor threads	16	Keyboard	
Processor boost frequency	5.1 GHz	Pointing device	Clickpad
Processor frequency *	3.3 GHz	Numeric keypad *	✓
Processor cache	16 MB	Keyboard backlit	✓
Processor cache type	L3	Spill-resistant keyboard	✓
Processor base power	15 W	Software	
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	38 TOPs		

Neural processor unit (NPU)		Software	
NPU performance up to	16 TOPs	Operating system installed *	Windows 11 Pro
Memory		Brand-specific features	
Internal memory *	16 GB	HP speaker type	HP Dual Speakers
Internal memory type	DDR5-SDRAM	HP Artificial Intelligence	AI PC
Memory clock speed	5600 MHz	HP segment	Business
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	1 x 16 GB	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	3
Storage		Battery capacity *	56 Wh
Total storage capacity *	512 GB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	30 min
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	65 W
SSD capacity	512 GB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete graphics card model *	Not available	Fingerprint reader	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, Power on, User
Discrete graphics card *	✗	Certificates	
On-board graphics card family	AMD Radeon Graphics	Compliance certificates	CE, CECP, GS mark, RoHS, VCCI
On-board graphics card model *	AMD Radeon 780M	Sustainability	
Audio		Sustainability compliance	✓
Built-in speaker(s)	✓	Sustainability certificates	TCO
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✓	Width	359.4 mm
Number of microphones	2	Depth	251 mm
		Height (front)	1.7 cm
		Height (rear)	1.09 cm
		Weight *	1.75 kg
		Packaging content	
		AC adapter included *	✓



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