



HP OmniBook 3 Laptop Next Gen AI 16-bv0004nax Copilot+ PC AMD Ryzen™ AI 5 40.6 cm (16") 2K 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey, Silver

Brand : HP

Product code: D8XF0EA

Product name : OmniBook 3 Laptop Next Gen AI 16-bv0004nax



- AMD Ryzen AI 5 430 (up to 4.5 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
- Windows 11 Home
- 40.6 cm (16") diagonal 2K display
- AMD Radeon 840M Graphics
- 16 GB DDR5-5600 MT/s (1 x 16 GB), 512 GB PCIe Gen4 NVMe M.2 SSD

OmniBook 3 Laptop Next Gen AI 16-bv0004nax, Windows 11 Home, 16", AMD Ryzen AI 5, 16GB RAM, 512GB SSD, 2K, Glacier silver and canvas gray

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A 16" AI-enhanced laptop that keeps up with you

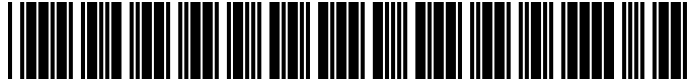
Simplify your day with the HP OmniBook 3 16" Next Gen AI PC. Enjoy smooth performance, a spacious 16" display, and all-day battery life, designed to tackle everything from browsing to streaming. AI-powered features and multiple ports help you stay connected and get more done, wherever your day takes you.

Design		Ports & interfaces	
Colour name	Glacier silver and canvas gray	Microphone in	✓
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Grey, Silver	USB Type-C DisplayPort Alternate Mode	✓
Form factor *	Clamshell	USB Sleep-and-Charge	✓
Market positioning	Everyday	USB Sleep-and-Charge ports	2
Original brand name	HP		
Display		Performance	
Display diagonal *	40.6 cm (16")	Motherboard chipset	AMD SoC
Display resolution *	1920 x 1200 pixels		
Touchscreen *	✗		
HD type	2K		
Panel type	IPS		
Native aspect ratio	16:10		
Display bezel technology	Micro-Edge		
Display brightness	300 cd/m ²		
Display diagonal (metric)	40.6 cm		
RGB colour space	sRGB		
Colour gamut	62.5%		
sRGB coverage (typical)	62.5%		
Processor		Software	
Processor manufacturer *	AMD	Trial software	100 GB Dropbox storage for 3 months
Processor family *	AMD Ryzen™ AI 5	Operating system installed *	Windows 11 Home
Processor cores	4		
Processor threads	8		
Processor boost frequency	4.5 GHz		
Processor cache	8 MB		
Processor cache type	L3		
Neural processor unit (NPU)		Brand-specific features	
Copilot+ PC	✓	HP speaker type	HP Dual Speakers
Neural processor unit (NPU)	AMD Ryzen AI	HP Imagepad	✓
		HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
		HP Software provided	HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub
		HP segment	Home
		HP GTIN (EAN/UPC)	821844541173
		Battery	
		Battery technology	Lithium Polymer (LiPo)

Neural processor unit (NPU)		Battery	
NPU performance up to	50 TOPs	Number of battery cells	4
Memory		Battery capacity *	68 Wh
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Fast charging time (50%)	45 min
Memory clock speed	5600 MHz	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Password protection	✓
Number of SSDs installed	1	Password protection type	BIOS, Power on
SSD capacity	512 GB	Sustainability	
SSD interface	PCI Express 4.0	Sustainability compliance	✓
NVMe	✓	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Silver
SSD form factor	M.2	Sustainable technologies and materials	Recycled metal in keyboard bracket; Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled materials
Graphics		Weight & dimensions	
On-board graphics card *	✓	Width	358.6 mm
On-board GPU manufacturer	AMD	Depth	251.8 mm
On-board graphics card family	AMD Radeon Graphics	Height	14.7 mm
On-board graphics card model *	AMD Radeon 840M	Weight *	1.64 kg
AMD FreeSync	✓	Packaging data	
Audio		Package width	63 mm
Built-in speaker(s)	✓	Package depth	504 mm
Number of built-in speakers	2	Package height	302 mm
Built-in microphone	✓	Package weight	2.39 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	166.52
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	151
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	4.72
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	0.53
Infrared (IR) camera	✓	Total carbon emissions, w/o use phase (kg of CO2e)	10.27
Network		Packaging content	
Wi-Fi	✓	AC adapter included *	✗
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Technical details	
Antenna type	2x2	General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true ; HP REG 23010, 08028 Barcelona, Spain ; reg@hp.com
WLAN controller model	MediaTek MT7920	Other features	
WLAN controller manufacturer	MediaTek	UNSPSC-code	43211503
Bluetooth	✓	Memory module type	SODIMM
Bluetooth version	5.4	Supplied AC adapter type	Matte paint cover and keyboard frame finish, textured base
Ports & interfaces		Manufacturer warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2		
HDMI ports quantity *	1		



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