



HP OmniBook 5 16-ba1003na Intel® Core™ i7 i7-1355U Laptop 40.6 cm (16") 2K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : HP

Product family: OmniBook 5

Product code: C1LK9EA

Product name : OmniBook 5
16-ba1003na



- Intel Core™ i7-1355U (up to 5.0 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
 - Windows 11 Home
 - 40.6 cm (16") diagonal 2K display
 - Intel Iris X® Graphics
 - 16 GB LPDDR5x-4800 MT/s (onboard), 512 GB PCIe Gen4 NVMe™ M.2 SSD
- OmniBook 5 Laptop 16-ba1003na, Windows 11 Home, 16", Intel Core™ i7, 16GB RAM, 512GB SSD, 2K, Glacier silver

HP OmniBook 5 16-ba1003na Intel® Core™ i7 i7-1355U Laptop 40.6 cm (16") 2K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver:

Create content, work on the go, and stay connected.

Bring your designs to life on the go with the HP OmniBook 5 16-inch Laptop PC. Powered by Intel Core™ Processors^[1] and featuring quick charging with HP Fast Charge^[2], experience seamless multitasking with less interruptions. Enjoy a stunning display, share ideas with the FHD camera^[3], and stay connected with all the ports you need.

Design		Ports & interfaces	
Colour name	Glacier silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Product colour *	Silver	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Premium	HDMI version	2.1
Introduction year	2025	Microphone in	✓
Product design	Matte finish	Combo headphone/mic port	✓
Country of origin	China	USB Type-C DisplayPort Alternate Mode	✓
Original brand name	HP	USB Sleep-and-Charge	✓
Display		USB Sleep-and-Charge ports	2
Display diagonal *	40.6 cm (16")	Performance	
Display resolution *	1920 x 1200 pixels	Motherboard chipset	Intel SoC
Touchscreen *	✗	Keyboard	
HD type	2K	Pointing device	Touchpad
Panel type	IPS	Numeric keypad *	✓
Native aspect ratio	16:10	Keyboard backlit	✓
Display bezel technology	Micro-Edge	Full-size keyboard	✓
Display brightness	300 cd/m²	Keyboard colour name	Soft gray
Display diagonal (metric)	40.6 cm	Software	
RGB colour space	sRGB	Pre-installed software	1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial
Colour gamut	62.5%	Trial software	100 GB Dropbox storage for 3 months
sRGB coverage (typical)	62.5%	Operating system installed *	Windows 11 Home
Processor			
Processor manufacturer *	Intel		
Processor family *	Intel® Core™ i7		
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-1355U		
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		

Processor		Processor special features	
Efficient cores	8	Intel® Turbo Boost Technology	✓
Performance-core Max Turbo Frequency	5 GHz	Brand-specific features	
Efficient-core Max Turbo Frequency	3.7 GHz	HP Audio Boost	✓
Processor cache	12 MB	HP speaker type	HP Dual Speakers
Processor cache type	L3	HP Imagepad	✓
Processor base power	15 W	HP front camera	HP TrueVision FHD
Maximum turbo power	55 W	HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Memory		HP Software provided	HP Support Assistant; HP Connection Optimizer
Internal memory *	16 GB	HP segment	Home
Internal memory type	LPDDR5x-SDRAM	HP GTIN (EAN/UPC)	199485079813
Memory clock speed	4800 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	Not available	Number of battery cells	3
Maximum internal memory *	16 GB	Battery capacity *	59 Wh
Memory data transfer rate	4800 MT/s	Battery life (max)	13 h
Storage		Continuous video playback time	19.25 h
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 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel Iris Xe Graphics	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
On-board graphics card model *	Intel Iris Xe Graphics	Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame, sideband and hinge cap(s)
Audio		Weight & dimensions	
Audio system	DTS:X Ultra	Width	357.7 mm
Built-in speaker(s)	✓	Depth	254.8 mm
Number of built-in speakers	2	Height (front)	1.79 cm
Built-in microphone	✓	Height (rear)	1.86 cm
Number of microphones	2	Weight *	1.77 kg
Camera		Packaging data	
Front camera	✓	Package width	63 mm
Front camera resolution	1920 x 1080 pixels	Package depth	504 mm
Front camera HD type	Full HD	Package height	305 mm
Network		Package weight	2.52 kg
Wi-Fi	✓	Packaging content	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	AC adapter included *	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Mobile network connection *	✗	Logistics data	
Antenna type	2x2	Harmonized System (HS) code	8471300000
WLAN controller manufacturer	Realtek		
Bluetooth	✓		
Bluetooth version	5.4		

Technical details	
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
Other features	
UNSPSC-code	43211503
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.



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