



# HP Spectre x360 14-ef0455nd Intel® Core™ i7 i7-1255U Hybrid (2-in-1) 34.3 cm (13.5") Touchscreen 3K2K 16 GB LPDDR4x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue

Brand : HP

Product family: Spectre x360

Product code: 6F7T8EA#ABH

Product name : 14-ef0455nd



HP Spectre x360 14-ef0455nd. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i7, Processor model: i7-1255U, Processor frequency: 1.7 GHz. Display diagonal: 34.3 cm (13.5"), HD type: 3K2K, Display resolution: 3000 x 2000 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. Operating system installed: Windows 11 Home. Product colour: Blue

Design		Network	
Colour name	Nocturne blue aluminum, celestial blue accents	Bluetooth version	5.3
Product type *	Hybrid (2-in-1)	MIMO	✓
Product colour *	Blue	MIMO type	Multi User MIMO
Form factor *	Convertible (Folder)	Ports & interfaces	
Market positioning	Premium	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Introduction year	2022	Thunderbolt 4 ports quantity	2
Country of origin	China	Intel® Thunderbolt 4	✓
Original brand name	HP	Combo headphone/mic port	✓
Display		USB Type-C DisplayPort Alternate Mode	✓
Display diagonal *	34.3 cm (13.5")	USB Sleep-and-Charge	✓
Display resolution *	3000 x 2000 pixels	USB Sleep-and-Charge ports	3
Touchscreen *	✓	Performance	
HD type	3K2K	Motherboard chipset	Intel SoC
Panel type	UWVA	Electronic compass	✓
LED backlight	✓	Accelerometer	✓
Native aspect ratio	3:2	Gyroscope	✓
Display glass type	Edge to Edge Glass	Temperature sensor	✓
Display bezel technology	Micro-Edge	Keyboard	
Display brightness	500 cd/m <sup>2</sup>	Pointing device	Touchpad
Display diagonal (metric)	34.3 cm	Numeric keypad *	✗
RGB colour space	DCI-P3	Keyboard backlit	✓
Colour gamut	100%	Full-size keyboard	✓
Processor		Keyboard layout	QWERTY
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 11 Home
Processor generation	12th gen Intel® Core™ i7		
Processor model *	i7-1255U		
Processor cores	10		
Processor threads	12		

<b>Processor</b>		<b>Processor special features</b>	
Processor boost frequency	4.7 GHz	Intel Flex Memory Access	✓
Processor frequency *	1.7 GHz	Intel Trusted Execution Technology	✓
Processor cache	12 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	L3	Execute Disable Bit	✓
Configurable TDP-down	12 W	CPU configuration (max)	1
<b>Memory</b>		Embedded options available	✗
Internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	LPDDR4x-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	4266 MHz	<b>Brand-specific features</b>	
Memory form factor	On-board	HP Audio Boost	✓
Maximum internal memory *	16 GB	HP speaker type	HP Quad Speakers
ECC	✗	HP Imagepad	✓
Non-ECC	✓	HP front camera	HP TrueVision 5MP
<b>Storage</b>		HP segment	Home
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	66 Wh
SSD capacity	1 TB	Battery life (max)	11.75 h
SSD memory type	TLC	Continuous video playback time	13.5 h
SSD interface	PCI Express, NVMe	Fast charging	✓
NVMe	✓	Fast charging time (50%)	45 min
SSD form factor	M.2	Battery weight	275 g
Optical drive type *	✗	<b>Power</b>	
Card reader integrated	✓	AC adapter power	65 W
Compatible memory cards	MicroSD (TransFlash)	AC adapter frequency	50 - 60 Hz
<b>Graphics</b>		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	USB Type-C charging port *	✓
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	Intel	<b>Security</b>	
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
<b>Audio</b>		Password protection type	BIOS, Power on, User
Audio system	B&O PLAY	<b>Sustainability</b>	
Built-in speaker(s)	✓	Sustainability compliance	✓
Number of built-in speakers	4	Sustainability certificates	EPEAT Gold, ENERGY STAR
Speakers manufacturer	Bang & Olufsen	<b>Weight &amp; dimensions</b>	
Built-in microphone	✓	Width	298 mm
Number of microphones	2	Depth	220.4 mm
<b>Camera</b>		Height	16.9 mm
Front camera	✓	Weight *	1.36 kg
Front camera resolution (numeric)	5 MP	<b>Packaging data</b>	
Infrared (IR) camera	✓	Package width	148 mm
Privacy camera	✓	Package depth	385 mm
Privacy type	Privacy shutter	Package height	315 mm
<b>Network</b>		Package weight	3.41 kg
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	<b>Packaging content</b>	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Keyboard included	✓
Mobile network connection *	✗	Bag included	✓
Antenna type	2x2	<b>Other features</b>	
WLAN controller model	Intel Wi-Fi 6E AX211	Number of speakers	4
WLAN controller manufacturer	Intel		
Ethernet LAN	✗		
Bluetooth	✓		

### Other features

Colour sensor





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