

ASUS ExpertBook P5 P5405CSA-XH54 Intel Core Ultra 5 226V Laptop 35.6 cm (14") WQXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : ASUS

Product family: ExpertBook

Product code: 90NX0861-M00H80

Product name : P5405CSA-XH54

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 226V (8MB Cache)
- 35.6 cm (14") WQXGA 2560 x 1600
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WQXGA 2560 x 1600, Intel Arc Graphics 130V, WLAN, Webcam, Windows 11 Pro 64-bit

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Work reimaged, with AI

Say hello to ASUS ExpertBook P5 – a revolutionary leap in AI PC for work. Designed to elevate productivity for mobile professionals and home offices, ExpertBook P5 harnesses the power of Intel® Core™ Ultra processors (Series 2)¹. This AI powerhouse empowers you with our brand-new, exclusive meeting assistant ASUS AI ExpertMeet, streamline workflows and enhance collaboration. With a light yet durable aluminum chassis, stunning 2.5K 144 Hz display, and business-grade security and service, the ExpertBook P5 provides peak performance and seamless work experiences, anywhere.

Design		Audio	
Colour name	Misty Grey	Audio system	Dolby Atmos
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera resolution	1920 x 1080 pixels
Market positioning	Work	Front camera HD type	Full HD
Introduction year	2024	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	35.6 cm (14")	Privacy type	Privacy shutter
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN	✗
Display brightness	400 cd/m ²	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 5	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 4 ports quantity	2
Processor model *	226V	Intel® Thunderbolt 4	✓
Processor cores	8	Combo headphone/mic port	✓
Processor threads	8	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.5 GHz	Performance	
Performance cores	4	Repairability index	8.6
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.5 GHz		



Processor		Keyboard	
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Pointing device	Touchpad
Performance-core base frequency	2.1 GHz	Numeric keypad *	✗
Low Power Efficient-core Base Frequency	2100 MHz	Keyboard backlit	✓
Processor cache	8 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	17 W	Microsoft Copilot	✓
Maximum turbo power	37 W	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Intel AI Boost	Battery technology	Lithium-Ion (Li-Ion)
Sparsity support	✓	Number of battery cells	3
Windows Studio effects support	✓	Battery capacity *	63 Wh
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power	
Total processor performance up to	97 TOPs	AC adapter power	65 W
NPU performance up to	40 TOPs	AC adapter frequency	50 - 60 Hz
GPU performance up to	53 TOPs	AC adapter input voltage	100 - 240 V
Memory		AC adapter output current	3.25 A
Internal memory *	16 GB	AC adapter output voltage	20 V
Internal memory type	LPDDR5x-SDRAM	USB Type-C charging port *	✓
Memory form factor	On-board	USB Power Delivery (USB PD)	✓
Maximum internal memory *	16 GB	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	512 GB	Face recognition	✓
Number of SSDs installed	1	Windows Hello	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, HDD, User
Optical drive type *	✗	Certificates	
Card reader integrated	✗	Compliance certificates	REACH
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold, Forest Stewardship Council (FSC) Recycled, TCO
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	312 mm
Discrete graphics card *	✗	Depth	223.2 mm
On-board graphics card family	Intel Arc Graphics	Height (front)	1.49 cm
On-board graphics card model *	Intel Arc Graphics 130V	Height (rear)	1.64 cm
		Weight *	1.27 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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