

ASUS ExpertBook P5405CSA-NZ0039X 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

Article code: 90NX0861-M008H0

Product name : P5405CSA-NZ0039X



ASUS ExpertBook P5405CSA-NZ0039X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. Display diagonal: 35,6 cm (14"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Pro. Product color: Grey. Weight: 1,29 kg

Design		Graphics	
Colour name	Misty Grey	Discrete graphics card *	✗
Product type *	Laptop	On-board graphics card family	Intel Arc Graphics
Product colour *	Grey	On-board graphics card model *	Intel Arc Graphics 130V
Form factor *	Clamshell	Audio	
Housing material	Aluminium	Audio system	Dolby Atmos
Market positioning	Work	Built-in microphone	✓
Introduction year	2024	Camera	
Display		Front camera	✓
Display diagonal *	35.6 cm (14")	Front camera resolution	1920 x 1080 pixels
Display resolution *	2560 x 1600 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	WQXGA	Privacy camera	✓
LED backlight	✓	Privacy type	Privacy shutter
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Processor		Ethernet LAN	✗
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 5	Bluetooth version	5.3
Processor generation	Intel Core Ultra (Series 2)	Ports & interfaces	
Processor model *	226V	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	8	HDMI ports quantity *	1
Processor threads	8	HDMI version	2.1
Processor boost frequency	4.5 GHz		
Performance cores	4		
Low Power Efficient-cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.5 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Base Frequency	2100 MHz	Charging port type	USB Type-C
Processor cache	8 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Performance	
Processor base power	17 W	Repairability index	8.3
Maximum turbo power	37 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Spill-resistant keyboard	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	97 TOPs	Operating system architecture	64-bit
NPU performance up to	40 TOPs	Trial software	1-month trial for new Microsoft 365 customers
GPU performance up to	53 TOPs	Operating system installed *	Windows 11 Pro
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	63 Wh
Maximum internal memory *	16 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	USB Power Delivery (USB PD) *	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
Graphics		Face recognition	✓
Discrete graphics card model *	Not available	Windows Hello	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Weight & dimensions	
		Width	312 mm
		Depth	223.2 mm
		Height (front)	1.49 cm
		Height (rear)	1.64 cm
		Weight *	1.29 kg



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