ASUS ExpertBook P5 P5405CSA-NZ0417W Intel Core Ultra 7 258V Laptop 35.6 cm (14") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ExpertBook

Product code: 90NX0861-M00JB0

Product name : P5405CSA-NZ0417W

- Windows 11 Home 64-bit
- Intel Core Ultra 7 258V (12MB Cache)
- 35.6 cm (14") WQXGA 2560 x 1600
- 32GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WQXGA 2560 x 1600, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit

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Work reimagined, 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	
Colour name	Misty Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Work
Display	
Display diagonal *	35.6 cm (14")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✕
HD type	WQXGA
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	258V
Processor cores	8
Processor threads	8
Processor boost frequency	4.8 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.8 GHz

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✕
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics 140V
Audio	
Built-in microphone	✔
Camera	
Front camera	✔
Front camera HD type	Full HD
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter
Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✕
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.3
Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
HDMI ports quantity *	1
HDMI version	2.1

Processor	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.2 GHz
Low Power Efficient-core Base Frequency	2200 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	17 W
Maximum turbo power	37 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	115 TOPs
NPU performance up to	47 TOPs
GPU performance up to	64 TOPs

Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-package
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✕

Ports & interfaces	
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Repairability index	8.6

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✕
Keyboard backlit	✔
Spill-resistant keyboard	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	63 Wh

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.25 A
AC adapter output voltage	20 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Windows Hello	✔

Weight & dimensions	
Width	312 mm
Depth	223.2 mm
Height (front)	1.49 cm
Height (rear)	1.64 cm
Weight *	1.27 kg

Packaging content	
AC adapter included *	✔

Catalog Object Cloud

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Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date