

ASUS ExpertBook P3 P3605CVA-MB0023X Intel® Core™ i5 i5-13420H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro German Grey

Brand : ASUS

Product family: ExpertBook

Product code: 90NX08C1-M000R0

Product name : P3605CVA-MB0023X

- Windows 11 Pro 64-bit
- Intel Core i5-13420H (12MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i5-13420H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook P3 P3605CVA-MB0023X Intel® Core™ i5 i5-13420H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro German Grey:

Productivity, leveled up

The ASUS ExpertBook P3 delivers the perfect blend of performance, security, and portability. Powered by up to 13th Gen Intel® Core™ i7 processor, this laptop effortlessly handles demanding tasks and AI-powered productivity tools. Its stunning 2.5K 16:10 anti-glare display¹ delivers immersive visuals, while the ample storage option with dual-SSD support, ensure you have plenty of space for all your files. For added security, the ASUS ExpertBook P3 offers a built-in fingerprint sensor and an integrated TPM 2.0 chip⁷, safeguarding your sensitive data.

Design		Network	
Colour name	Misty Grey	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	Ethernet LAN	✓
Market positioning	Work	Ethernet LAN data rates	10,100,1000 Mbit/s
Introduction year	2025	Bluetooth	✓
Display		Bluetooth version	5.4
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
HD type	WUXGA	Ethernet LAN (RJ-45) ports	1
Panel type	IPS-Level	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m²	Performance	
RGB colour space	NTSC	Repairability index	9.4
Colour gamut	45%	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i5	Keyboard backlight	✓
Processor generation	13th gen Intel® Core™ i5	Spill-resistant keyboard	✓
Processor model *	i5-13420H	Keyboard layout	QWERTZ
Processor cores	8	Keyboard language	German
Processor threads	12		
Processor boost frequency	4.6 GHz		
Performance cores	4		
Efficient cores	4		



Processor		Software	
Performance-core Max Turbo Frequency	4.6 GHz	Operating system architecture	64-bit
Efficient-core Max Turbo Frequency	3.4 GHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Battery	
Processor cache type	Smart Cache	Battery technology	Lithium-Ion (Li-Ion)
Processor base power	45 W	Number of battery cells	3
Maximum turbo power	115 W	Battery capacity *	63 Wh
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 GB	AC adapter output current	3.25 A
Memory slots	2x SO-DIMM	AC adapter output voltage	20 V
Maximum internal memory *	64 GB	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✓
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
M.2 SSD size	2280 (22 x 80 mm)	Certificates	
Optical drive type *	✗	Compliance certificates	REACH
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Recycled
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	358.4 mm
Discrete graphics card *	✗	Depth	253.9 mm
On-board graphics card family	Intel® UHD Graphics	Height (front)	1.79 cm
On-board graphics card model *	Intel® UHD Graphics	Height (rear)	1.8 cm
		Weight *	1.79 kg
Audio		Packaging data	
Audio system	Smart Amp	Package width	481 mm
Built-in microphone	✓	Package depth	65 mm
		Package height	288 mm
		Package weight	2.04 kg
Camera		Packaging content	
Front camera	✓	AC adapter included *	✓
Front camera resolution	1920 x 1080 pixels		
Front camera HD type	Full HD		
Privacy camera	✓		
Privacy type	Privacy shutter		



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