ASUS ExpertBook B9 OLED B9403CVAR-PP1678X Intel Core 7 150U Laptop 35.6 cm (14") WQXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX05W1-M02W70

Product name : B9403CVAR-PP1678X

Intel Core 7 150U (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") WQXGA+ 2880 x 1800 OLED, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

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Business excellence, anywhere you work
ASUS ExpertBook B5 is the perfect on-the-go companion for forward-thinking professionals. It's an ultralight, AI-ready marvel that combines the latest Intel® Core™ Ultra processors and discrete NVIDIA® graphics1, ushering in a new era of productivity — plus a taller 16:10 touchscreen2 for deeper immersion. With AI-powered features like an intelligent camera and noise cancelation plus seamless WiFi 73 and 4G connectivity4, everyday business is smarter, faster and smoother. ExpertBook B5 equips you for effective, enjoyable work — everywhere you go.

Design	
Colour name	Star Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Magnesium
Market positioning	Business

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✗
HD type	WQXGA+
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
Maximum display brightness (HDR)	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core 7
Processor generation	Intel Core (Series 1)
Processor model *	150U
Processor cores	10
Processor threads	12
Processor boost frequency	5.4 GHz
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	5.4 GHz
Efficient-core Max Turbo Frequency	4 GHz
Performance-core base frequency	1.8 GHz
Efficient-core base frequency	1.2 GHz
Processor cache	12 MB

Camera	
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
Ethernet LAN	✗
Bluetooth	✔
Bluetooth version	5.4
Near Field Communication (NFC)	✔

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Micro HDMI ports quantity	1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Repairability index	9.5

Keyboard	
Pointing device	NumberPad
Numeric keypad *	✗
Keyboard backlit	✔
Keyboard layout	QWERTZ
Keyboard language	German

Processor	
Processor cache type	Smart Cache
Processor base power	15 W
Maximum turbo power	55 W

Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
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 *	✘
Card reader integrated	✘

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® Graphics
On-board graphics card model *	Intel® Graphics

Audio	
Audio system	Dolby Atmos
Built-in microphone	✔

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

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

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	
Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Face recognition	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, HDD, User

Certificates	
Compliance certificates	REACH

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Climate +, Forest Stewardship Council (FSC) Mix

Weight & dimensions	
Width	311 mm
Depth	215 mm
Height (front)	1.57 cm
Height (rear)	1.69 cm
Weight *	990 g

Packaging content	
AC adapter included *	✔

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