

ASUS ExpertBook B5 B5404CMA-Q70103X Intel Core Ultra 7 155U Laptop 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Black



Brand : ASUS

Product family: ExpertBook

Product code: 90NX06R1-M003S0

Product name : B5404CMA-Q70103X

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 155U (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 IPS
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 7 155U (12MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit



ASUS ExpertBook B5 B5404CMA-Q70103X Intel Core Ultra 7 155U Laptop 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Black:

Business excellence with AI

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 processor with Intel vPro® 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 Wi-Fi 7³ and 4G connectivity⁴, everyday business is smarter, faster and smoother. ExpertBook B5 equips you for effective, enjoyable work — everywhere you go.

Design		Audio	
Colour name	Star Black	Audio system	Dolby Atmos
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Work	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	35.6 cm (14")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	WUXGA	Network	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
LED backlight	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Antenna type	2x2
Display brightness	400 cd/m ²	Ethernet LAN	✓
RGB colour space	sRGB	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	100%	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	Intel® Core™ Ultra (Series 1)	Ethernet LAN (RJ-45) ports	1
Processor model *	155U	HDMI ports quantity *	1
Processor cores	12	HDMI version	2.1
Processor threads	14	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.8 GHz	Intel® Thunderbolt 4	✓
Performance cores	2	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.8 GHz		

Processor		Keyboard	
Efficient-core Max Turbo Frequency	3.8 GHz	Pointing device	Touchpad
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Numeric keypad *	✗
Performance-core base frequency	1.7 GHz	Keyboard backlit	✓
Efficient-core base frequency	1.2 GHz	Spill-resistant keyboard	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard language	German
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Trial software	Microsoft 365 (30-day trial)
Maximum turbo power	57 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)
Maximum frequency NPU	1.4 GHz	Number of battery cells	3
Sparsity support	✓	Battery capacity *	63 Wh
Windows Studio effects support	✓	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	AC adapter output current	3.25 A
Memory form factor	SO-DIMM	AC adapter output voltage	20 V
Memory layout (slots x size)	2 x 16 GB	USB Type-C charging port *	✓
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Maximum internal memory *	64 GB	Security	
Storage		Cable lock slot	✓
Total storage capacity *	1 TB	Cable lock slot type	Kensington
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	1 TB	Smart card reader	✓
Number of SSDs installed	1	Windows Hello	✓
SSD capacity	1 TB	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, User, HDD
Optical drive type *	✗	Weight & dimensions	
Graphics		Width	313.7 mm
Discrete graphics card model *	Not available	Depth	226.8 mm
On-board graphics card *	✓	Height (front)	1.89 cm
On-board GPU manufacturer	Intel	Height (rear)	1.9 cm
Discrete graphics card *	✗	Weight *	1.4 kg
On-board graphics card family	Intel® Graphics	Packaging data	
On-board graphics card model *	Intel® Graphics	Package width	452 mm
		Package depth	73 mm
		Package height	272 mm
		Package weight	1.65 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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