

ASUS ExpertBook B3 B3404CMA-QN1624X Intel Core Ultra 5 125H Laptop 35.6 cm (14") WQXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0711-M01Y70

Product name : B3404CMA-QN1624X

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 125H (18MB Cache)
- 35.6 cm (14") WQXGA 2560 x 1600
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 5 125H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") WQXGA 2560 x 1600, Intel Arc Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Configured to advance your business

ASUS ExpertBook B3 is smartly crafted for business success, boosting productivity, elevating security and enabling real-time communication with flexible IT upgrades. Its powerful cutting-edge features include up to Intel® Core™ Ultra 7 processor and up to NVIDIA® RTX™ 2050 or Intel® Arc™ graphics, and a vibrant screen with a tall 16:10 aspect ratio. ExpertBook B3 is also packed with connectivity, has SSD with RAID 0/1 support, secure TPM1 chip, dual SO DIMM for easier IT upgrades and MIL-STD-810H2 military-grade durability — all in a design that embraces an eco-conscious outlook that embodies accountability and sustainability.

Design		Graphics	
Colour name	Star Black	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	Dirac
Housing material	Aluminium, Plastic	Built-in microphone	✓
Market positioning	Work	Camera	
Certified refurbished	✗	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	35.6 cm (14")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Privacy camera	✓
HD type	WQXGA	Privacy type	Privacy shutter
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	500 cd/m²	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	120 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Contrast ratio (typical)	1500:1	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 5	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 *	125H	HDMI ports quantity *	1
Processor cores	14	HDMI version	2.1
Processor threads	18	Thunderbolt 4 ports quantity	2
Processor boost frequency	4.5 GHz		
Performance cores	4		

Processor		Ports & interfaces	
Efficient cores	8	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	2	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.5 GHz	SmartCard slot	✓
Efficient-core Max Turbo Frequency	3.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Performance	
Performance-core base frequency	1.2 GHz	Repairability index	9.5
Efficient-core base frequency	0.7 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	18 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	28 W	Software	
Maximum turbo power	115 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Copilot+ PC	✗	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Battery	
Sparsity support	✓	Battery technology	Lithium-Ion (Li-Ion)
Windows Studio effects support	✓	Number of battery cells	3
AI datatype support on NPU	FP16, FP32, Int8	Battery capacity *	50 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Power	
Memory		AC adapter power	65 W
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	AC adapter output current	3.25 A
Memory slots	2x SO-DIMM	AC adapter output voltage	20 V
Maximum internal memory *	32 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	Smart card reader	✓
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, HDD, User
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	REACH
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Recycled, TCO
		Weight & dimensions	
		Width	313.7 mm
		Depth	226.8 mm
		Height	19.9 mm
		Weight *	1.4 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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