

ASUS ExpertBook B3 B3604CMA-Q91093X Intel Core Ultra 5 125H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0731-M01AX0

Product name : B3604CMA-Q91093X

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 125H (18MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core Ultra 5 125H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel Arc Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B3 B3604CMA-Q91093X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.9 kg

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	Plastic	Built-in microphone	✓
Market positioning	Business	Camera	
Introduction year	2024	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	1920 x 1200 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Privacy camera	✓
HD type	WUXGA	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	300 cd/m²	Mobile network connection *	✗
RGB colour space	NTSC	Antenna type	2x2
Colour gamut	45%	Ethernet LAN	✓
Maximum refresh rate	60 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Contrast ratio (typical)	1000:1	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	Intel® Thunderbolt 4	✓
Performance cores	4	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.5 GHz		
Efficient-core Max Turbo Frequency	3.6 GHz		

Processor		Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	1.2 GHz	Numeric keypad *	✓
Efficient-core base frequency	0.7 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	700 MHz	Spill-resistant keyboard	✓
Processor cache	18 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	28 W	Trial software	1-month trial for new Microsoft 365 customers.
Maximum turbo power	115 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)
Sparsity support	✓	Number of battery cells	3
Windows Studio effects support	✓	Battery capacity *	63 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 layout (slots x size)	1 x 16 GB	AC adapter output voltage	20 V
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	32 GB	USB Power Delivery (USB PD)	✓
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Smart card reader	✓
SSD capacity	512 GB	Face recognition	✓
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	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) Mix, TCO
		Weight & dimensions	
		Width	358 mm
		Depth	254.3 mm
		Height	20.3 mm
		Weight *	1.9 kg
		Packaging content	
		AC adapter included *	✓



4711387889763



0197105889767



197105889767

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.