

ASUS ExpertBook B5 B5604CMA-Q90733X 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: 90NX0751-M00U40

Product name : B5604CMA-Q90733X

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

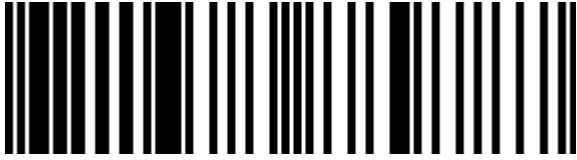
ASUS ExpertBook B5 B5604CMA-Q90733X Intel Core Ultra 5 125H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black:

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 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		Graphics	
Colour name	Star Black	On-board graphics card model *	Intel Arc Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Dolby Atmos
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Aluminium, Magnesium	Camera	
Market positioning	Work	Front camera	✓
Certified refurbished	✗	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	WUXGA	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m ²	Antenna type	2x2
RGB colour space	NTSC	Ethernet LAN	✓
Colour gamut	45%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Contrast ratio (typical)	1000:1	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	Intel Core Ultra 5	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI ports quantity *	1
Processor model *	125H	HDMI version	2.1
Processor cores	14	Thunderbolt 4 ports quantity	2
Processor threads	18	Intel® Thunderbolt 4	✓
Processor boost frequency	4.5 GHz		
Performance cores	4		
Efficient cores	8		

Processor		Ports & interfaces	
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	9.6
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 software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	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 slots	2x SO-DIMM	AC adapter output current	3.25 A
Maximum internal memory *	64 GB	AC adapter output voltage	20 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, HDD, User
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Compliance certificates	REACH
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	Intel Arc Graphics	Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Recycled
		Weight & dimensions	
		Width	358 mm
		Depth	254.3 mm
		Height (front)	1.89 cm
		Height (rear)	2.29 cm
		Packaging content	
		AC adapter included *	✓



4711387889787



0197105889781



197105889781

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.