

## ASUS ExpertBook B5 B5604CMA-QW0035X Intel Core Ultra 7 155U 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

**Article code:** 90NX0751-M001C0

**Product name :** B5604CMA-QW0035X



ASUS ExpertBook B5 B5604CMA-QW0035X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. 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 Graphics. Operating system installed: Windows 11 Pro. Product color: Black. Weight: 1,7 kg



Design		Camera	
Colour name	Star Black	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Privacy camera	✓
Housing material	Aluminium	Privacy type	Privacy shutter
Market positioning	Work	<b>Network</b>	
Introduction year	2024	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
<b>Display</b>		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	WUXGA	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.3
Native aspect ratio	16:10	<b>Ports &amp; interfaces</b>	
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display brightness	400 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
<b>Processor</b>		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 7	Charging port type	USB Type-C
Processor generation	Intel® Core™ Ultra (Series 1)	SmartCard slot	✓
Processor model *	155U	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	12	<b>Performance</b>	
Processor boost frequency	4.8 GHz	Repairability index	8.4
Performance cores	2		
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.8 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.8 GHz	Numeric keypad *	✓
Performance-core base frequency	1.7 GHz	Software	
Efficient-core base frequency	1.2 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Battery	
Processor base power	15 W	Battery technology	Lithium-Ion (Li-Ion)
Maximum turbo power	57 W	Number of battery cells	3
Memory		Battery capacity *	63 Wh
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Memory slots	1x SO-DIMM	AC adapter output current	3.25 A
Storage		AC adapter output voltage	20 V
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	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, HDD, User
Optical drive type *	✗	Certificates	
Card reader integrated	✓	Compliance certificates	REACH, RoHS
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Recycled
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✗	Width	358 mm
On-board graphics card model *	Intel Graphics	Depth	254.3 mm
Audio		Height (front)	1.89 cm
Audio system	Dolby Atmos	Height (rear)	2.29 cm
Built-in microphone	✓	Weight *	1.7 kg



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