ASUS ExpertBook B3 B3405CCA-P732512-CA Intel Core Ultra 7 255H Laptop 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : ASUS Product family: ExpertBook Product code: 90NX08L1-M00S00

Product name: B3405CCA-

P732512-CA

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 255H (24MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200
- 32GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 7 255H (24MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200, Intel Arc 140T, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B3 B3405CCA-P732512-CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Graphics	
Colour name	Gentle Grey	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	X
Product colour *	Grey	On-board graphics card family	Intel Arc Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Arc 140T
Housing material	Aluminium		inter Are 1401
Market positioning	Work	Audio	
Display		Built-in microphone	✓
Display diagonal *	35.6 cm (14")	Camera	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	×	Front camera HD type	Full HD
HD type	WUXGA	Infrared (IR) camera	✓
Native aspect ratio	16:10	Privacy camera	✓
Anti-glare screen	✓	Privacy type	Privacy shutter
Display brightness	300 cd/m ²	Network	
RGB colour space	NTSC	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	45%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	×
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	Ethernet LAN	✓
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN data rates	1000 Mbit/s
Processor model *	255H	Bluetooth	✓
Processor cores	16	Bluetooth version	5.4
Processor threads	16 5.1 CU-	Ports & interfaces	
Processor boost frequency Performance cores	5.1 GHz 6	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	
Efficient cores	8	ports quantity *	2
Low Power Efficient-cores	2	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Performance-core Max Turbo	5.1 GHz	Ethernet LAN (RJ-45) ports	1
Frequency Efficient-core Max Turbo Frequency	4.4 GHz	HDMI ports quantity *	1
Low Power Efficient-core Max Turbo		HDMI version	2.1
Frequency	2.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2 GHz	USB Type-C DisplayPort Alternate	1
Efficient-core base frequency	1.5 GHz	Mode	•
Low Power Efficient-core Base Frequency	700 MHz		

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Processor		Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor base power Maximum turbo power	28 W 115 W	Numeric keypad *	×
·	115 W	Keyboard backlit	✓
Neural processor unit (NPU)		Spill-resistant keyboard	✓
Neural processor unit (NPU)	Intel Al Boost	Software	
Sparsity support	•	Operating system architecture	64-bit
Windows Studio effects support	√	Operating system installed *	Windows 11 Pro
Al software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery	
Total processor performance up to	96 TOPs	Battery technology	Lithium-Ion (Li-Ion)
NPU performance up to	13 TOPs	Number of battery cells	3
GPU performance up to	74 TOPs	Battery capacity *	63 Wh
Memory		Power	
Internal memory *	32 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	Windows Hello	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM)	
SSD form factor	M.2	version	2.0
M.2 SSD size	2280 (22 x 80 mm)	Password protection	✓
Optical drive type *	×	Password protection type	BIOS, User, HDD
Card reader integrated	✓	Certificates	
Compatible memory cards	MicroSD (TransFlash)	Compliance certificates	REACH
Graphics		Sustainability	
Discrete graphics card model *	Not available	,	Forest Stewardship Council (FSC)
On-board graphics card *	/	Sustainability certificates	Recycled, TCO, ENERGY STAR, EPEAT Climate +, EPEAT Gold
		Weight & dimensions	
		Width	315.1 mm
		Depth	226.8 mm
		Height (front)	1.89 cm
		Height (rear)	1.9 cm
		Packaging content	
		AC adapter included *	✓



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