

ASUS ExpertBook B5 B5402CBA-KC1421X Intel® Core™ i5 i5-1240P Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX05M1-M01SP0

Product name : B5402CBA-KC1421X



- Windows 11 Pro 64-bit

- Intel Core i5-1240P (12MB Cache)

- 35.6 cm (14") Full HD 1920 x 1080

- 16GB DDR5-SDRAM (1 x 8) & 256GB SSD

Intel Core i5-1240P (12MB Cache), 16GB DDR5-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B5 B5402CBA-KC1421X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1240P. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.25 kg

Design		Camera	
Colour name	Star Black	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Aluminium	Privacy camera	✓
Market positioning	Work	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	400 cd/m ²	Bluetooth version	5.3
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 2.0 ports quantity *	1
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Contrast ratio (typical)	1200:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.0a
Processor family *	Intel® Core™ i5	Thunderbolt 4 ports quantity	2
Processor generation	12th gen Intel® Core™ i5	Intel® Thunderbolt 4	✓
Processor model *	i5-1240P	Combo headphone/mic port	✓
Processor cores	12	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.4 GHz		
Performance cores	4		
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.4 GHz	Pointing device	NumberPad
Efficient-core Max Turbo Frequency	3.3 GHz	Numeric keypad *	✗
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Software	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	64 W	Trial software	1-month trial for new Microsoft 365 customers
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board + SO-DIMM	Number of battery cells	3
Memory layout (slots x size)	1 x 8 GB	Battery capacity *	63 Wh
Memory slots	1x SO-DIMM	Power	
Maximum internal memory *	40 GB	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	256 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.42 A
Total SSDs capacity	256 GB	AC adapter output voltage	19 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	256 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Windows Hello	✓
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Sustainability	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	Intel	Sustainability certificates	EPEAT Gold, ENERGY STAR
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel Iris Xe Graphics	Width	323.4 mm
On-board graphics card model *	Intel Iris Xe Graphics	Depth	223.1 mm
Audio		Height (front)	1.79 cm
Audio system	Dolby Atmos	Height (rear)	1.8 cm
Built-in microphone	✓	Weight *	1.25 kg



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