

## ASUS ExpertBook B1 B1402CBA-EBI715X Intel® Core™ i7 i7-1255U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX05V1-M01J50

**Product name :** B1402CBA-EBI715X



- Windows 11 Pro-ASUS recommends Windows 11 Pro for business
- Intel® Core™ i7-1255U Processor
- Intel® UHD Graphics
- 14" FHD compact screen
- Enterprise-grade security features
- MIL-STD 810H US military standard

Intel Core i7-1255U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B1 B1402CBA-EBI715X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.49 kg



Design		Camera	
Colour name	Star Black	Infrared (IR) camera	✓
Product type *	Laptop	Privacy camera	✓
Product colour *	Black	Privacy type	Privacy shutter
Form factor *	Clamshell	<b>Network</b>	
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Business	Wi-Fi standards	Wi-Fi 6E (802.11ax)
<b>Display</b>		Mobile network connection *	✗
Display diagonal *	35.6 cm (14")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.3
Native aspect ratio	16:9	<b>Ports &amp; interfaces</b>	
Anti-glare screen	✓	USB 2.0 ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Colour gamut	45%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
<b>Processor</b>		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel® Core™ i7	HDMI version	1.4
Processor generation	12th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-1255U	Charging port type	USB Type-C
Processor cores	10	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.7 GHz	USB Power Delivery	✓
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	4.7 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Efficient-core Max Turbo Frequency	3.5 GHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	12 W	<b>Software</b>	
Processor base power	15 W	Operating system architecture	64-bit
Maximum turbo power	55 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
<b>Memory</b>		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	<b>Processor special features</b>	
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory form factor	On-board	<b>Battery</b>	
Memory slots	1x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	48 GB	Number of battery cells	3
<b>Storage</b>		Battery capacity *	42 Wh
Total storage capacity *	512 GB	<b>Power</b>	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	AC adapter output current	3.25 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✗	Fingerprint reader	✓
<b>Graphics</b>		Windows Hello	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✗	Password protection type	BIOS, HDD, User
On-board graphics card family	Intel® UHD Graphics	<b>Sustainability</b>	
On-board graphics card model *	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR, EPEAT Gold, REACH, RoHS, TCO
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio system	Dirac	Width	326.9 mm
Built-in microphone	✓	Depth	214.5 mm
<b>Camera</b>		Height	19.9 mm
Front camera	✓	Weight *	1.49 kg
Front camera HD type	HD		



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