



## ASUS ExpertBook B1 B1502CBA-BQi5X Intel® Core™ i5 i5-1235U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX05U1-M009R0

**Product name :** B1502CBA-BQi5X



- Windows 11 Pro Education
- Intel® Core™ i5-1235U Processor
- Intel® UHD Graphics
- 15.6-inch Full HD display
- Enterprise-grade security features
- MIL-STD 810H US military standard

Intel Core i5-1235U (12MB Cache), 8GB DDR4-SDRAM, 256GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B1 B1502CBA-BQi5X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1235U. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM.

Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.69 kg



Design		Camera	
Colour name	Star Black	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Business	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 2.0 ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
RGB colour space	NTSC	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	1.4
Processor family *	Intel® Core™ i5	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i5	Charging port type	USB Type-C
Processor model *	i5-1235U	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	10	USB Power Delivery	✓
Processor boost frequency	4.4 GHz	Keyboard	
Performance cores	2	Pointing device	Touchpad
Efficient cores	8		
Performance-core Max Turbo Frequency	4.4 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Efficient-core Max Turbo Frequency	3.3 GHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	<b>Software</b>	
Configurable TDP-down	12 W	Operating system architecture	64-bit
Processor base power	15 W	Trial software	1-month trial for new Microsoft 365 customers
Maximum turbo power	55 W	Operating system installed *	Windows 11 Pro
<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type	DDR4-SDRAM	<b>Battery</b>	
Memory form factor	On-board + SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	1 x 8 GB	Number of battery cells	3
Memory slots	1x SO-DIMM	Battery capacity *	42 Wh
Maximum internal memory *	40 GB	<b>Power</b>	
<b>Storage</b>		AC adapter power	65 W
Total storage capacity *	256 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	256 GB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	256 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Face recognition	✓
Card reader integrated	✗	Windows Hello	✓
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, HDD, User
Discrete graphics card *	✗	<b>Sustainability</b>	
On-board graphics card family	Intel® UHD Graphics	Sustainability compliance	✓
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	361.6 mm
Built-in microphone	✓	Depth	233 mm
<b>Camera</b>		Height	19.9 mm
Front camera	✓	Weight *	1.69 kg
Front camera HD type	HD		
Infrared (IR) camera	✓		



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