

## ASUS ExpertBook B1 B1502CB-BQi582XA 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 Education Black

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX05U1-M00PD0

**Product name :** B1502CB-BQi582XA



- Windows 11 Pro Education 64-bit
- Intel Core i5-1235U (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 8GB DDR4-SDRAM & 256GB SSD

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 Education 64-bit

ASUS ExpertBook B1 B1502CB-BQi582XA 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 Education Black:

### Primed to perform.

### Configured for your business

Packed with business-friendly features and power, ASUS ExpertBook B1 is the ideal choice for ambitious firms and inspirational educational institutions. With a compact design, a bright, clear 15.6-inch display for vibrant visuals, plus impressive performance, enterprise-level security, military-grade durability, and extensive connectivity, ExpertBook B1 is the perfect portable partner to empower your business.

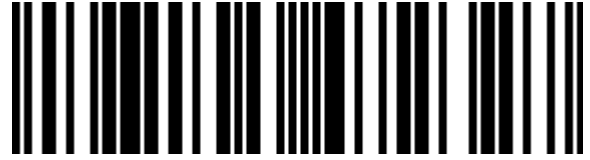


Design		Camera	
Colour name	Star Black	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Black	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Work	Mobile network connection *	✗
<b>Display</b>		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	Full HD	<b>Ports &amp; interfaces</b>	
LED backlight	✓	USB 2.0 ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	1.4
Contrast ratio (typical)	800:1	Combo headphone/mic port	✓
<b>Processor</b>		Charging port type	USB Type-C
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i5	USB Power Delivery	✓
Processor generation	12th gen Intel® Core™ i5	<b>Performance</b>	
Processor model *	i5-1235U	Repairability index	8.6
Processor cores	10		
Processor threads	12		
Processor boost frequency	4.4 GHz		
Performance cores	2		

<b>Processor</b>		<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.4 GHz	Numeric keypad *	✓
Efficient-core Max Turbo Frequency	3.3 GHz	Keyboard backlit	✓
Processor cache	12 MB	<b>Software</b>	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Maximum turbo power	55 W	Operating system installed *	Windows 11 Pro Education
<b>Memory</b>		<b>Battery</b>	
Internal memory *	8 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR4-SDRAM	Number of battery cells	3
Memory form factor	On-board	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 *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	HDD, BIOS, User
On-board GPU manufacturer	Intel	<b>Certificates</b>	
Discrete graphics card *	✗	Compliance certificates	REACH, RoHS
On-board graphics card family	Intel® UHD Graphics	<b>Sustainability</b>	
On-board graphics card model *	Intel® UHD Graphics	Sustainability compliance	✓
<b>Audio</b>		Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Mix, TCO
Audio system	Dirac	<b>Weight &amp; dimensions</b>	
Built-in microphone	✓	Width	361.6 mm
<b>Camera</b>		Depth	233 mm
Front camera	✓	Height	19.9 mm
Front camera HD type	HD	Weight *	1.69 kg
Infrared (IR) camera	✓		



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