



## 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.

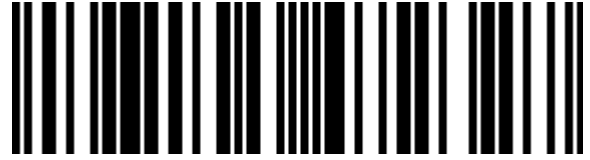


Design		Camera	
Colour name	Star Black	Infrared (IR) camera	✓
Product type *	Laptop	Privacy camera	✓
Product colour *	Black	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Work	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
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/m²	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
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	800:1	HDMI version	1.4
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	USB Type-C
Processor family *	Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	12th gen Intel® Core™ i5	USB Power Delivery	✓
Processor model *	i5-1235U	Performance	
Processor cores	10	Repairability index	8.6
Processor threads	12		
Processor boost frequency	4.4 GHz		
Performance cores	2		

Processor		Keyboard	
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	Software	
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
Memory		Battery	
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	Power	
Storage		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	Security	
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)	✓
Graphics		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	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Mix, REACH, RoHS, TCO
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	361.6 mm
Audio system	Dirac	Depth	233 mm
Built-in microphone	✓	Height	19.9 mm
Camera		Weight *	1.69 kg
Front camera	✓		
Front camera HD type	HD		



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