

## ASUS ExpertBook B1 B1502CBA-BQ0553X Intel® Core™ i5 i5-1235U Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

**Brand :** ASUS

**Product family:** ExpertBook

**Article code:** 90NX05U1-M00N10

**Product name :** B1502CBA-BQ0553X



ASUS ExpertBook B1 B1502CBA-BQ0553X. 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: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Black. Weight: 1,72 kg

Design		Network	
Colour name	Star Black	Bluetooth version	5.1
Product type *	Laptop	Ports & interfaces	
Product colour *	Black	USB 2.0 ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Housing material	Aluminium, Plastic	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Market positioning	Work	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	39.6 cm (15.6")	HDMI ports quantity *	1
Display resolution *	1920 x 1080 pixels	HDMI version	1.4
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	Charging port type	USB Type-C
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
LED backlight	✓	Performance	
Native aspect ratio	16:9	Repairability index	8.6
Anti-glare screen	✓	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 11 Pro
Processor generation	12th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-1235U	Intel Flex Memory Access	✓
Processor cores	10	Intel Trusted Execution Technology	✓
Processor boost frequency	4.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	12 MB	Execute Disable Bit	✓
Configurable TDP-down	12 W	CPU configuration (max)	1
Memory		Embedded options available	✗
Internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	DDR4-SDRAM		
Memory clock speed	3200 MHz		
Memory slots	1x SO-DIMM		
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Processor special features	
Total SSDs capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	3
On-board GPU manufacturer	Intel	Battery capacity *	42 Wh
Discrete graphics card *	✗		
On-board graphics card model *	Intel Iris Xe Graphics		
Audio		Power	
Audio system	Dirac	AC adapter power	65 W
Speaker power	2 W	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	3.25 A
Front camera	✓	AC adapter output voltage	20 V
Front camera HD type	HD	USB Power Delivery (USB PD) *	✓
Privacy camera	✓		
Privacy type	Privacy shutter		
Network		Security	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Cable lock slot	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Cable lock slot type	Kensington
Mobile network connection *	✗	Fingerprint reader	✓
Antenna type	2x2	Trusted Platform Module (TPM)	✓
Ethernet LAN	✓	Trusted Platform Module (TPM) version	2.0
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection	✓
Bluetooth	✓	Password protection type	BIOS, HDD, User
		Weight & dimensions	
		Width	358 mm
		Depth	236.5 mm
		Height	19.4 mm
		Weight *	1.72 kg



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