

## ASUS ExpertBook B1 B1502CVA-BQ0492X Intel® Core™ i7 i7-1355U 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

**Product code:** 90NX06X1-M00JN0

**Product name :** B1502CVA-BQ0492X

- Windows 11 Pro-ASUS recommends Windows 11 Pro for business
- 13th gen Intel® Core™ i7 processor
- Intel® UHD graphics
- 15.6" compact screen
- Enterprise-grade security features
- MIL-STD 810H US military standard

Intel Core i7-1355U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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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		Network	
Colour name	Star Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Business	Ethernet LAN	✓
<b>Display</b>		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.2
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type	Full HD	USB 2.0 ports quantity *	1
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	1.4
<b>Processor</b>		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i7	<b>Performance</b>	
Processor generation	13th gen Intel® Core™ i7	Repairability index	8.6
Processor model *	i7-1355U	<b>Keyboard</b>	
Processor cores	10	Pointing device	Touchpad
Processor boost frequency	5 GHz	Numeric keypad *	✓
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.7 GHz		

<b>Processor</b>		<b>Software</b>	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	15 W	<b>Battery</b>	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
<b>Memory</b>		Number of battery cells	3
Internal memory *	16 GB	Battery capacity *	42 Wh
Internal memory type	DDR4-SDRAM	<b>Power</b>	
Memory slots	1x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	48 GB	AC adapter frequency	50 - 60 Hz
<b>Storage</b>		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	AC adapter output current	3.25 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✗	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, HDD, User
Discrete graphics card model *	Not available	<b>Certificates</b>	
On-board graphics card *	✓	Compliance certificates	RoHS, REACH
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card model *	Intel® UHD Graphics	Sustainability certificates	EPEAT Gold, TCO, ENERGY STAR, Forest Stewardship Council (FSC) Mix
<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		
Privacy camera	✓		
Privacy type	Privacy shutter		



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