

ASUS ExpertBook B1 B1502CV-BQI731X Intel® Core™ i7 i7-1355U Laptop 39.6 cm (15.6") Full HD 32 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX06X1-M023X0

Product name : B1502CV-BQI731X



- Windows 11 Pro 64-bit
- Intel Core i7-1355U (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 32GB DDR4-SDRAM & 1000GB SSD

Intel Core i7-1355U (12MB Cache), 32GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B1 B1502CV-BQI731X Intel® Core™ i7 i7-1355U Laptop 39.6 cm (15.6") Full HD 32 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro 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		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
Housing material	Plastic	Ethernet LAN	✓
Market positioning	Business	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	39.6 cm (15.6")	Bluetooth version	5.3
Display resolution *	1920 x 1080 pixels	Ports & interfaces	
Touchscreen *	✗	USB 2.0 ports quantity *	1
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m ²	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	1.4
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	Charging port type	USB Type-C
Contrast ratio (typical)	800:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Power Delivery	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel® Core™ i7	Repairability index	8.6
Processor generation	13th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-1355U	Pointing device	Touchpad
Processor cores	10	Numeric keypad *	✓
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		

Processor		Keyboard	
Efficient cores	8	Keyboard backlit	✓
Performance-core Max Turbo Frequency	5 GHz	Software	
Efficient-core Max Turbo Frequency	3.7 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Battery	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	32 GB	Battery capacity *	42 Wh
Internal memory type	DDR4-SDRAM	Power	
Memory form factor	On-board + SO-DIMM	AC adapter power	65 W
Maximum internal memory *	48 GB	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	1 TB	AC adapter output current	3.25 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, HDD, User
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Compliance certificates	REACH
Discrete graphics card *	✗	Sustainability	
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	EPEAT Gold, Forest Stewardship Council (FSC) Mix, TCO
Audio		Weight & dimensions	
Built-in microphone	✓	Width	361.6 mm
Camera		Depth	233 mm
Front camera	✓	Height	19.9 mm
Front camera HD type	HD	Weight *	1.69 kg
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		



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