

ASUS ExpertBook B1 B1503CVA-S73431X Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro US International Black, Grey



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0801-M03SZ0

Product name : B1503CVA-S73431X

- Windows 11 Pro 64-bit
- Intel Core i7-13620H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 32GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-13620H (24MB Cache), 32GB DDR5-SDRAM, 1000GB 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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Elevated, effortless and secure

ASUS ExpertBook B1 offers extensive customization options to empower your business. Designed with productivity in mind, it features AI capabilities such as AI ExpertMeet, Copilot in Windows, and AI noise-canceling technology enables you to do your best. Powered by the latest Intel® Core™ 7 processor and offering military-grade durability¹, it is engineered to handle various tasks smoothly. It includes a full set of I/O ports, fast connection up to Wi-Fi 6E, and advanced security features. Lightweight with long battery life and stunning visuals and audio, it provides flexibility wherever you work. ASUS ExpertBook B1 streamlines your workflow to keep you productive.

Design		Network	
Colour name	Gentle Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Black, Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Plastic	Ethernet LAN	✓
Market positioning	Work	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 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
LED backlight	✓	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	1.4
Display brightness	300 cd/m²	Combo headphone/mic port	✓
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	Performance	
Maximum refresh rate	60 Hz	Repairability index	9.5
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-13620H	Keyboard layout	QWERTY
Processor cores	10	Keyboard language	US International
Processor threads	16		
Processor boost frequency	4.9 GHz		
Performance cores	6		
Efficient cores	4		

Processor		Software	
Performance-core Max Turbo Frequency	4.9 GHz	Operating system architecture	64-bit
Efficient-core Max Turbo Frequency	3.6 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cache	24 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Battery	
Processor base power	45 W	Battery technology	Lithium-Ion (Li-Ion)
Maximum turbo power	115 W	Number of battery cells	3
Memory		Battery capacity *	63 Wh
Internal memory *	32 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	AC adapter output current	3.25 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
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	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, HDD, User
Graphics		Certificates	
Discrete graphics card model *	Not available	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability certificates	Forest Stewardship Council (FSC) Recycled, ENERGY STAR, EPEAT Climate +
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	359.5 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	232.2 mm
Audio		Height	19.9 mm
Audio system	Dirac	Weight *	1.68 kg
Built-in microphone	✓	Packaging data	
Camera		Package width	440 mm
Front camera	✓	Package depth	65 mm
Front camera resolution	1920 x 1080 pixels	Package height	290 mm
Front camera HD type	Full HD	Package weight	4.12 kg
Privacy camera	✓	Packaging content	
Privacy type	Privacy shutter	AC adapter included *	✓



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Catalog Object Cloud



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