

ASUS ExpertBook B1 B1503CVA-S71834X Intel Core 5 120U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black, Grey



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0801-M01ZZ0

Product name : B1503CVA-S71834X

- Windows 11 Pro 64-bit
- Intel Core 5 120U (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ExpertBook B1 B1503CVA-S71834X Intel Core 5 120U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black, Grey:

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 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		Audio	
Colour name	Gentle Grey	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Black, Grey	Front camera	✓
Form factor *	Clamshell	Privacy camera	✓
Market positioning	Work	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.4
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel Core 5	HDMI ports quantity *	1
Processor generation	Intel Core (Series 1)	HDMI version	1.4
Processor model *	120U	Combo headphone/mic port	✓
Processor cores	10	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	12	Performance	
Processor boost frequency	5 GHz	Repairability index	9.5
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Keyboard	
Performance-core base frequency	1.4 GHz	Pointing device	Touchpad
Efficient-core base frequency	0.9 GHz	Numeric keypad *	✓
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	55 W	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	3.25 A
Total storage capacity *	512 GB	AC adapter output voltage	20 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2280 (22 x 80 mm)	Password protection	✓
Optical drive type *	✗	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	ENERGY STAR, EPEAT Climate +, Forest Stewardship Council (FSC) Recycled, TCO
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width	359.5 mm
On-board graphics card model *	Intel® Graphics	Depth	232.2 mm
Audio		Height	19.9 mm
Audio system	Dirac	Weight *	1.64 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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