

ASUS ExpertBook B1 B1503CVA-S78425X Intel Core 5 120U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey QWERTY US International



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0801-M09LX0

Product name : B1503CVA-S78425X

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

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 15.6" Full HD 1920 x 1080, Intel 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 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	Audio system	Dirac
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Plastic	Front camera resolution	1920 x 1080 pixels
Market positioning	Work	Front camera HD type	Full HD
Certified refurbished	✗	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	Full HD	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:9	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m ²	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.3
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		
Processor boost frequency	5 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Keyboard	
Performance-core Max Turbo Frequency	5 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.8 GHz	Numeric keypad *	✓
Performance-core base frequency	1.4 GHz	Keyboard backlit	✓
Efficient-core base frequency	0.9 GHz	Keyboard layout	QWERTY
Processor cache	12 MB	Keyboard language	US International
Processor cache type	Smart Cache	Software	
Processor socket	BGA 1744	Operating system architecture	64-bit
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	55 W	Battery	
Neural processor unit (NPU)		Battery technology	Lithium-Ion (Li-Ion)
Copilot+ PC	✗	Number of battery cells	3
Memory		Battery capacity *	63 Wh
		Power	
		AC adapter power	65 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	3.25 A
		AC adapter output voltage	20 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
Graphics		Cable lock slot	✓
		Cable lock slot type	Kensington
		Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, HDD, User
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability certificates	Forest Stewardship Council (FSC) Recycled, ENERGY STAR, EPEAT Climate +
		Weight & dimensions	
		Width	359.5 mm
		Depth	232.2 mm
		Height	19.9 mm
		Weight *	1.64 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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