

ASUS ExpertBook B1 B1403CVA-S64917X Intel® Core™ i5 i5-13420H Laptop 35.6 cm (14") Full HD 8 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro US International Black, Grey

Brand : ASUS

Product family: ExpertBook

Product code: 90NX0811-M05UD0

Product name : B1403CVA-S64917X

- Windows 11 Pro 64-bit
- Intel Core i5-13420H (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080
- 8GB DDR5-SDRAM & 256GB SSD

Intel Core i5-13420H (12MB Cache), 8GB DDR5-SDRAM, 256GB SSD, 35.6 cm (14") 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		Camera	
Colour name	Gentle Grey	Privacy type	Privacy shutter
Product type *	Laptop	Network	
Product colour *	Black, Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Mobile network connection *	✗
Market positioning	Work	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	35.6 cm (14")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	Full HD	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 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	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Repairability index	9.5
Processor family *	Intel® Core™ i5	Keyboard	
Processor generation	13th gen Intel® Core™ i5	Pointing device	Touchpad
Processor model *	i5-13420H	Numeric keypad *	✗
Processor cores	8	Keyboard layout	QWERTY
Processor threads	12		
Processor boost frequency	4.6 GHz		
Performance cores	4		
Efficient cores	4		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.6 GHz	Keyboard language	US International
Efficient-core Max Turbo Frequency	3.4 GHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	45 W	Battery	
Maximum turbo power	115 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	8 GB	Battery capacity *	63 Wh
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 *	256 GB	AC adapter output voltage	20 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	256 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	256 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2280 (22 x 80 mm)	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	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	324.5 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	214.4 mm
Audio		Height	19.7 mm
Audio system	Dirac	Weight *	1.4 kg
Built-in microphone	✓	Packaging data	
Camera		Package width	410 mm
Front camera	✓	Package depth	75 mm
Front camera HD type	HD	Package height	284 mm
Privacy camera	✓	Package weight	3.14 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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