

ASUS ExpertBook B1 B1403CVA-S63754X Intel® Core™ i7 i7-13620H Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro US International Black, Grey



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0811-M04B80

Product name : B1403CVA-S63754X

- Windows 11 Pro 64-bit
- Intel Core i7-13620H (24MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB 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		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 *	35.6 cm (14")	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%	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i7	Keyboard backlit	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard layout	QWERTY
Processor model *	i7-13620H	Keyboard language	US International
Processor cores	10	Software	
Processor threads	16	Operating system architecture	64-bit
Processor boost frequency	4.9 GHz		
Performance cores	6		
Efficient cores	4		

Processor		Software	
Performance-core Max Turbo Frequency	4.9 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Efficient-core Max Turbo Frequency	3.6 GHz	Operating system installed *	Windows 11 Pro
Processor cache	24 MB	Battery	
Processor cache type	Smart Cache	Battery technology	Lithium-Ion (Li-Ion)
Processor base power	45 W	Number of battery cells	3
Maximum turbo power	115 W	Battery capacity *	63 Wh
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	AC adapter output current	3.25 A
Maximum internal memory *	64 GB	AC adapter output voltage	20 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, HDD, User
Card reader integrated	✗	Certificates	
Graphics		Compliance certificates	REACH
Discrete graphics card model *	Not available	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✗	Width	324.5 mm
On-board graphics card family	Intel® UHD Graphics	Depth	214.4 mm
On-board graphics card model *	Intel® UHD Graphics	Height	19.7 mm
Audio		Weight *	1.45 kg
Audio system	Dirac	Packaging data	
Built-in microphone	✓	Package width	440 mm
Camera		Package depth	65 mm
Front camera	✓	Package height	290 mm
Front camera resolution	1920 x 1080 pixels	Package weight	3.82 kg
Front camera HD type	Full HD	Packaging content	
Privacy camera	✓	AC adapter included *	✓
Privacy type	Privacy shutter		



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Catalog Object Cloud



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