

ASUS ExpertBook B1 B1403CV-5U12X Intel Core 5 120U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black, Grey QWERTY UK English



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0811-M0BAS0

Product name :
B1403CV-5U12X

- Windows 11 Pro 64-bit
- Intel Core 5 120U (12MB Cache)
- 14" Full HD 1920 x 1080
- 16GB DDR5-SDRAM & 256GB SSD

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 256GB SSD, 14" 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 customisation 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 an Intel® Core™ 5 120U 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 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	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black, Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Privacy camera	✓
Housing material	Plastic	Privacy type	Privacy shutter
Display back cover material	Plastic	Network	
Market positioning	Work	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Certified refurbished	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	35.6 cm (14")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.4
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	1.4
Contrast ratio (typical)	700:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core 5	Repairability index	9.6
Processor generation	Intel Core (Series 1)	Keyboard	
Processor model *	120U		
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		

Processor		Keyboard	
Performance cores	2	Pointing device	Touchpad
Efficient cores	8	Numeric keypad *	✗
Performance-core Max Turbo Frequency	5 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard layout	QWERTY
Performance-core base frequency	1.4 GHz	Keyboard language	UK English
Efficient-core base frequency	0.9 GHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor socket	BGA 1744	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Battery	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)		Number of battery cells	3
Copilot+ PC	✗	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 *	256 GB	USB Type-C required charging power (min) *	55 W
Storage media *	SSD	USB Type-C required charging power (max) *	65 W
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 *	✓	Certification	US MIL-STD 810H military-grade standard
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width	324.5 mm
Audio		Depth	214.4 mm
Audio system	Dirac	Height	19.7 mm
Built-in microphone	✓	Weight *	1.44 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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