

ASUS ExpertBook B1 B1403CVA-S61861X Intel Core 5 120U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : ASUS

Product family: ExpertBook

Product code: 90NX0811-M02320

Product name : B1403CVA-S61861X

- Windows 11 Pro 64-bit
- Intel Core 5 120U (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (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 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 durability, 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	Business	Front camera HD type	Full HD
Introduction year	2024	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	35.6 cm (14")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (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/m²	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
Contrast ratio (typical)	700:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core 5	HDMI version	1.4
Processor generation	Intel Core (Series 1)	Combo headphone/mic port	✓
Processor model *	120U	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		

Processor		Keyboard	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	5 GHz	Numeric keypad *	✗
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard backlit	✓
Performance-core base frequency	1.4 GHz	Software	
Efficient-core base frequency	0.9 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	1-month trial for new Microsoft 365 customers
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Battery	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	3
Internal memory *	16 GB	Battery capacity *	50 Wh
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	AC adapter output current	3.25 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Fingerprint reader	✓
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
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® Graphics	Depth	214.4 mm
On-board graphics card model *	Intel® Graphics	Height	19.7 mm
		Weight *	1.4 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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