

## ASUS ExpertBook B1 B1402CBA-EB3590XA Intel® Core™ i3 i3-1215U Laptop 35.6 cm (14") Full HD 4 GB DDR4-SDRAM 128 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Education Black

**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX05V1-M041D0

**Product name :** B1402CBA-EB3590XA



- Windows 11 Pro Education 64-bit
- Intel Core i3-1215U (10MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080
- 4GB DDR4-SDRAM & 128GB SSD

Intel Core i3-1215U (10MB Cache), 4GB DDR4-SDRAM, 128GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit

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### Primed to perform. Configured for your business.

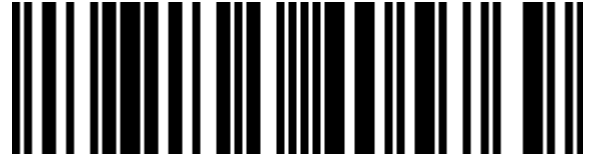
Packed with business-friendly features and power, ASUS ExpertBook B1 is the ideal choice for ambitious firms and inspirational educational institutions. With a compact design, a bright, clear 14-inch display for vibrant visuals, plus impressive performance, enterprise-level security, military-grade durability, and extensive connectivity, ExpertBook B1 is the perfect portable partner to empower your business.

Design		Camera	
Colour name	Star Black	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Black	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Market positioning	Work	Mobile network connection *	✗
<b>Display</b>		Antenna type	2x2
Display diagonal *	35.6 cm (14")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.2
LED backlight	✓	<b>Ports &amp; interfaces</b>	
Native aspect ratio	16:9	USB 2.0 ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
RGB colour space	NTSC	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	700:1	HDMI version	1.4
<b>Processor</b>		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i3	<b>Performance</b>	
Processor generation	12th gen Intel® Core™ i3	Repairability index	8.6
Processor model *	i3-1215U		
Processor cores	6		
Processor boost frequency	4.4 GHz		
Performance cores	2		
Efficient cores	4		

<b>Processor</b>		<b>Keyboard</b>	
Performance-core Max Turbo Frequency	4.4 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.3 GHz	Numeric keypad *	✗
Processor cache	10 MB	<b>Software</b>	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Maximum turbo power	55 W	Operating system installed *	Windows 11 Pro Education
<b>Memory</b>		<b>Battery</b>	
Internal memory *	4 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR4-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	42 Wh
Memory slots	1x SO-DIMM	<b>Power</b>	
Maximum internal memory *	36 GB	AC adapter power	65 W
<b>Storage</b>		AC adapter frequency	50 - 60 Hz
Total storage capacity *	128 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	3.25 A
Total SSDs capacity	128 GB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	128 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 3.0	<b>Security</b>	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, HDD, User
Discrete graphics card *	✗	<b>Certificates</b>	
On-board graphics card family	Intel® UHD Graphics	Compliance certificates	RoHS, REACH
On-board graphics card model *	Intel® UHD Graphics	<b>Sustainability</b>	
<b>Audio</b>		Sustainability certificates	EPEAT Gold, TCO, ENERGY STAR, Forest Stewardship Council (FSC) Mix
Audio system	Dirac	<b>Weight &amp; dimensions</b>	
Built-in microphone	✓	Width	326.9 mm
<b>Camera</b>		Depth	214.5 mm
Front camera	✓	Height	19.9 mm
Front camera HD type	HD	Weight *	1.49 kg



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