

ASUS ExpertBook B3 Flip B3402FV-EC582XA Intel Core 5 120U Hybrid (2-in-1) 35.6 cm (14") Touchscreen Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Education Black

Brand : ASUS

Product family: ExpertBook

Product code: 90NX07N1-M01CF0

Product name : B3402FV-EC582XA



Intel Core 5 120U (12MB Cache), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 Touch, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit

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Maximum flexibility anytime, anywhere

ASUS ExpertBook B3 Flip is built to embrace the new normal, empowering you to work or learn flexibly and effortlessly — anytime and anywhere. Its versatile 360°-flippable design and handy garaged stylus enables total flexibility, empowering use in diverse settings and scenarios. It's also engineered with two-way AI noise-cancellation technology to ensure distraction-free communications at both ends of online conversations, at home, in the office or on the move. For better everyday hygiene, it's treated with features ASUS Antibacterial Guard — inhibiting the growth of bacteria by up to 99%. It even has the latest 4G LTE and WiFi 6E technologies, ensuring safe, secure and speedy mobile connectivity is easier than ever.



Design		Camera	
Colour name	Star Black	Front camera resolution	1280 x 720 pixels
Product type *	Hybrid (2-in-1)	Front camera HD type	HD
Product colour *	Black	Privacy camera	✓
Form factor *	Convertible (Folder)	Privacy type	Privacy shutter
Housing material	Aluminium	Rear camera	✓
Market positioning	Work	Rear camera resolution (numeric)	13 MP
Introduction year	2024	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	35.6 cm (14")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Mobile network connection *	✗
Touchscreen *	✓	Antenna type	2x2
HD type	Full HD	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Display surface	Gloss	Bluetooth	✓
Display brightness	250 cd/m²	Bluetooth version	5.4
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	60 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	700:1	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor family *	Intel Core 5	Intel® Thunderbolt 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	NumberPad
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 Education
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 *	8 GB	Battery capacity *	50 Wh
Internal memory type	DDR4-SDRAM	Power	
Memory form factor	On-board + SO-DIMM	AC adapter power	65 W
Memory slots	1x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	40 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	19 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	256 GB	USB Type-C required charging power (min) *	55 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	65 W
SSD capacity	256 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
M.2 SSD size	2280 (22 x 80 mm)	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	REACH
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT Gold, Forest Stewardship Council (FSC) Mix
On-board graphics card family	Intel Graphics	Weight & dimensions	
On-board graphics card model *	Intel Graphics	Width	329 mm
Audio		Depth	223.9 mm
Audio system	SonicMaster	Height (front)	1.92 cm
Built-in microphone	✓	Height (rear)	1.95 cm
Camera		Weight *	1.61 kg
Front camera	✓	Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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