

ASUS ExpertBook B5 B5602CVA-MB0345X Intel® Core™ i7 i7-1360P Laptop 40,6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ExpertBook

Article code: 90NX06S1-M00CF0

Product name : B5602CVA-MB0345X

ASUS ExpertBook B5 B5602CVA-MB0345X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 40,6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product color: Black. Weight: 1,67 kg



Design		Camera	
Colour name	Star Black	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Housing material	Aluminium, Magnesium	Privacy type	Privacy shutter
Market positioning	Work		
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m²	Bluetooth version	5.3
RGB colour space	NTSC		
Colour gamut	45%		
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor model *	i7-1360P	HDMI ports quantity *	1
Processor cores	12	HDMI version	2.1
Processor boost frequency	5 GHz	Thunderbolt 4 ports quantity	2
Performance cores	4	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5 GHz	Charging port type	USB Type-C
Efficient-core Max Turbo Frequency	3.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	18 MB		
Processor cache type	Smart Cache		
Processor base power	28 W		
		Performance	
		Repairability index	7.8

Processor		Keyboard	
Maximum turbo power	64 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Software	
Memory form factor	On-board + SO-DIMM	Operating system architecture	64-bit
Memory slots	1x SO-DIMM	Operating system installed *	Windows 11 Pro
Maximum internal memory *	40 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	84 Wh
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	90 W
SSD capacity	512 GB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	4.5 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	USB Power Delivery (USB PD) *	✓
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Fingerprint reader	✓
Graphics		Windows Hello	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, HDD, User
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Compliance certificates	RoHS
On-board graphics card family	Intel Iris Xe Graphics	Sustainability	
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	EPEAT Gold, ENERGY STAR
Audio		Weight & dimensions	
Audio system	Dolby Atmos	Width	358.2 mm
Built-in microphone	✓	Depth	261.2 mm
		Height	19.9 mm
		Weight *	1.67 kg



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