ASUS ExpertBook B5 B5602CVA-MB0513X Intel® Core™ i5 i5-1340P 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-M00KT0

Product name: B5602CVA-

MB0513X

ASUS ExpertBook B5 B5602CVA-MB0513X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1340P. 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 Privacy type Privacy shutter Product type* Laptop Network Product colour* Black Top Wi-Fi standard* Wi-Fi 6E (802.11ax) Form factor* Clamshell Wi-Fi standards Wi-Fi 6E (802.11ax) Housing material Aluminium, Magnesium Mobile network connection* x Market positioning Work Antenna type 2x2 Display 40.6 cm (16*) Bluetooth ✓ Display diagonal* 40.6 cm (16*) Bluetooth ✓ Display presolution* 1920 x 1200 pixels Bluetooth ✓ Touckscreen* X Ports & interfaces HD type WUXGA Ports & interfaces HD type WUXGA Ports & interfaces HD type VUXGA USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity 1 Anti-glare screen Y USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 1 RGB colour space NTSC Ethernet LAN (R)-45) ports 1				
Product type * Laptop * Black * Top Wi-Fi standard * Wi-Fi 6E (802.11ax) * Housing material * Aluminium, Magnesium * Mobile network connection * X * Antenna type * 2x2 * Ethernet LAN * Zey * Z	Design		Camera	
Product colour * Black Top Wi-Fi standard * Wi-Fi 6E (802.11ax) Form factor * Clamshell Wi-Fi standards Wi-Fi 6E (802.11ax) Housing material Aluminium, Magnesium Market positioning Work Display	Colour name	Laptop	Privacy type	Privacy shutter
Form factor * Clamshell Top Wi-Fi standard * Wi-Fi 6E (802.11ax) Housing material Aluminium, Magnesium Mobile network connection * X Market positioning Work Antenna type 2x2 Display 2x2 Display 40.6 cm (16") Bluetooth	,,		Network	
Housing material Aluminium, Magnesium Work Mobile network connection * X Mobile network connection * X Antenna type 2x2 Display Ethernet LAN			Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning Work Mobile network connection * X Antenna type Ethernet LAN Display diagonal * Display resolution * Displ			Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal * 40.6 cm (16") Bluetooth ✓ Display diagonal * 40.6 cm (16") Bluetooth ✓ Display resolution * 1920 x 1200 pixels Bluetooth version 5.3 Touchscreen * X Ports & interfaces HD type WUXGA WSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Native aspect ratio 16:10 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Anti-glare screen ✓ USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 RGB colour space NTSC Ethernet LAN (RJ-45) ports 1 Colour gamut 45% HDMI ports quantity * 1 Processor Intel Thunderbolt 4 ports quantity * 2 Processor family * Intel® Core™ i5 Combo headphone/mic port ✓ Processor generation 13th gen Intel® Core™ i5 Combo headphone/mic port ✓ Processor model * i5-1340P Charging port type USB Type-C Processor cache type Smart Cache Mode ✓ Memory Repairability index 7.8 Internal memory * 16 GB </td <td>-</td> <td></td> <td>Mobile network connection *</td> <td>×</td>	-		Mobile network connection *	×
Display diagonal * 40.6 cm (16") Display resolution * 1920 x 1200 pixels Touchscreen * X HD type WUXGA Native aspect ratio Anti-glare screen V Display brightness Bluetooth version WSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Colour gamut Afti-glare screen V Display brightness Bluetooth version USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Colour gamut Afti-glare screen V Display brightness Bluetooth V DISB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Colour gament V DISB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Colour gamut V Display brightness Intel Processor HDMI version Intel Processor HDMI version Intel Processor family * Intel Intel Intel Core Intel Thunderbolt 4 ports quantity Intel Thunderbolt 4 V Processor generation Isth gen Intel Core Isthemet LAN Combo headphone/mic port V Charging port type USB Type-C Processor cores I2 USB Type-C DisplayPort Alternate Mode Memory Internal memory * Internal memory * Internal memory type DDRS-SDRAM Memory form factor Memory form factor On-board + SO-DIMM Disting device Touchpad		Work	Antenna type	2x2
Display resolution * 1920 x 1200 pixels Bluetooth version 5.3 Touchscreen * X HD type WUXGA Native aspect ratio 16:10 Anti-glare screen ✓ USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * RGB colour space NTSC Colour gamut 45% HDMI ports quantity * Processor HDMI version 2.1 Processor manufacturer * Intel Processor family * Intel® Core™ i5 Processor generation 13th gen Intel® Core™ i5 Processor model * i5-1340P Processor cores 12 Processor cache type Smart Cache Memory Memory Memory Memory form factor Memory form factor NUXGA Ports & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Puss 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Local Colour ganut 45% Local Colour qanutity * Local Colour qanutity qanutity qanutity * Local Colour qanutity qanutity qanutity qanutity * Local Colour qanutity qa			Ethernet LAN	✓
Touchscreen * HD type WUXGA Native aspect ratio Anti-glare screen Display brightness RGB colour space NTSC Colour gamut V VBM 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * HDMI ports quantity * HDMI ports quantity * 1 Processor HDMI ports quantity * 1 Processor HDMI version Thunderbolt 4 ports quantity Processor family * Intel® Core™ i5 Processor generation 13th gen Intel® Core™ i5 Processor model * i5-1340P Processor cores Processor cache type Smart Cache Memory Internal memory * Internal memory type DDRS-SDRAM Memory form factor NUSGA VSB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Local Data (1.1 Gen 1) Type-A ports quantity Local Data (1.1 Gen 1) Local Data (1.1 Gen 1) Type-A ports quantity Local Data (1.1 Gen 1) Type-A Loca	· · ·	,	Bluetooth	✓
HD type Native aspect ratio 16:10 Anti-glare screen V USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Native aspect ratio 10:10 Anti-glare screen V USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * 1 Processor RGB colour space NTSC Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * 1 Processor HDMI version 1.1 Processor manufacturer * Intel Processor family * Intel® Core™ i5 Intel® Thunderbolt 4 ports quantity 2 Processor generation 13th gen Intel® Core™ i5 Combo headphone/mic port V Processor model * Processor cores 12 Processor cores 12 Processor cores Processor cache type Smart Cache Memory Internal memory * Internal memory type DDRS-SDRAM Memory form factor Nemory form factor Nemory Internal memory type Internal me	• •	•	Bluetooth version	5.3
Native aspect ratio 16:10 Anti-glare screen ✓ USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity RGB colour space NTSC Ethernet LAN (RJ-45) ports 1 Processor HDMI ports quantity * 1 Processor HDMI version 2.1 Thunderbolt 4 ports quantity Processor family * Intel® Core™ i5 Intel® Thunderbolt 4 Processor generation 13th gen Intel® Core™ i5 Combo headphone/mic port Processor model * Processor cores 12 USB Type-C DisplayPort Alternate Mode Memory Internal memory * 16 GB Internal memory type DDR5-SDRAM Memory form factor No Damy Pointing device Touchpad		type WUXGA tive aspect ratio 16:10 ti-glare screen	Ports & interfaces	
Display brightness 300 cd/m² ports quantity 1 RGB colour space NTSC Ethernet LAN (RJ-45) ports 1 Processor 45% HDMI ports quantity 1 Processor 5 Intel 1 Processor 6 manufacturer 1 Processor generation 13th gen Intel® Core 15 Processor model 1 i5-1340P Charging port type USB Type-C Processor cores 12 Processor cache type Smart Cache Memory 1 Internal memory 1 to GB Memory 5 DDR5-SDRAM Memory form factor NTSC Ethernet LAN (RJ-45) ports 1 Internal memory 1 to Conbom (RJ-45) ports 2 Internal memory 1	Native aspect ratio		` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	1
Colour gamut 45% HDMI ports quantity * 1 Processor Processor manufacturer * Intel Processor family * Intel® Core™ i5 Processor generation 13th gen Intel® Core™ i5 Processor model * i5-1340P Processor cores Processor cache type Processor cache type Memory Internal memory * 16 GB Internal memory type Memory type Memory form factor Memory form factor Memory Internal memory type DDR5-SDRAM Memory Internal memory type Memory Internal memory Internal memory type Memory Internal	•			1
Processor Processor manufacturer* Intel Processor family * Intel® Core™ i5 Intel® Thunderbolt 4 Processor generation Processor model * Processor cores Processor cores Processor cores Processor cache type Memory Internal memory * Internal memory type DDR5-SDRAM Memory form factor Processor Intel® Thunderbolt 4 Processor guantity Combo headphone/mic port Charging port type USB Type-C USB Type-C DisplayPort Alternate Mode Performance Repairability index 7.8 Keyboard Memory form factor On-board + SO-DIMM Pointing device Touchpad	•		Ethernet LAN (RJ-45) ports	1
Processor manufacturer * Intel Processor family * Intel® Core™ i5 Processor generation Processor model * i5-1340P Processor cores Processor cores Processor cache type Processor	Colour gamut	45%		1
Processor manufacturer * Intel Processor family * Intel® Core™ i5 Intel® Thunderbolt 4 Processor generation 13th gen Intel® Core™ i5 Combo headphone/mic port Processor model * i5-1340P Charging port type USB Type-C Processor cores 12 USB Type-C DisplayPort Alternate Mode Processor cache type Smart Cache Memory Internal memory * 16 GB Internal memory type DDR5-SDRAM Memory form factor On-board + SO-DIMM Name of the factor Solution of the factor of th	Processor			
Processor generation 13th gen Intel® Core™ i5 Combo headphone/mic port ✓ Processor model * i5-1340P Charging port type USB Type-C Processor cores 12 USB Type-C DisplayPort Alternate Mode Processor cache type Smart Cache Memory Internal memory * 16 GB Internal memory type DDR5-SDRAM Memory form factor On-board + SO-DIMM Nemory slate.	Processor manufacturer *	Intel		2
Processor model * i5-1340P Charging port type USB Type-C Processor cores 12 USB Type-C DisplayPort Alternate Mode Processor cache type Smart Cache Memory Internal memory * 16 GB Internal memory type DDR5-SDRAM Memory form factor On-board + SO-DIMM Memory slate Necessar cores 12 USB Type-C DisplayPort Alternate Mode Performance Repairability index 7.8 Keyboard Pointing device Touchpad	Processor family *	Intel® Core™ i5	Intel® Thunderbolt 4	✓
Processor cores Processor cache type Smart Cache Performance Repairability index Memory type DDR5-SDRAM Memory form factor On-board + SO-DIMM Pointing device USB Type-C DisplayPort Alternate Mode Repairability index 7.8 Repairability index Touchpad	Processor generation	13th gen Intel® Core™ i5	Combo headphone/mic port	✓
Processor cache type Memory Internal memory * 16 GB Internal memory type DDR5-SDRAM Memory form factor On-board + SO-DIMM Memory slater 11 CO DIMM Mode Mode Performance Repairability index 7.8 Keyboard Pointing device Touchpad	Processor model *	i5-1340P	5 5 . , ,	USB Type-C
Memory Internal memory type DDR5-SDRAM Memory form factor Memory form factor Nemory slate 1 6 GB Nepairability index 7.8 Keyboard Pointing device Touchpad				✓
Internal memory * 16 GB Repairability index 7.8 Internal memory type DDR5-SDRAM Keyboard Memory form factor On-board + SO-DIMM Pointing device Touchpad	Processor cache type	Smart Cache		
Internal memory type DDR5-SDRAM Keyboard Memory form factor On-board + SO-DIMM Pointing device Touchpad	Memory			
Memory form factor On-board + SO-DIMM Pointing device Touchpad	Internal memory *	16 GB	Repairability index	7.8
Memory slots 1v CO DIMM	Internal memory type	DDR5-SDRAM	Keyboard	
Memory slots 1x SO-DIMM Numeric keypad * ✓	-		Pointing device	Touchpad
	•		Numeric keypad *	✓
Maximum internal memory * 40 GB Keyboard backlit ✓	Maximum internal memory *		Keyboard backlit	✓

Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	512 GB	Battery	
Number of SSDs installed	1 512 GB	Battery technology	Lithium-lon (Li-lon)
SSD capacity SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	84 Wh
SSD form factor	M.2	Power	
Optical drive type *	×	AC adapter power	90 W
Card reader integrated	/	AC adapter frequency	50 - 60 Hz
Compatible memory cards	MicroSD (TransFlash)	AC adapter input voltage	100 - 240 V
·	, , , , , , , , , , , , , , , , , , , ,	AC adapter output current	4.5 A
Graphics		AC adapter output voltage	20 V
Discrete graphics card model *	Not available	USB Power Delivery (USB PD) *	•
On-board graphics card * On-board GPU manufacturer	√	Security	
	Intel ×	Fingerprint reader	✓
Discrete graphics card * On-board graphics card family	Intel Iris Xe Graphics	Windows Hello	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Password protection type	BIOS, HDD, User
Audio system	Dolby Atmos	Certificates	
Built-in microphone	✓	Compliance certificates	RoHS
Camera		Sustainability	
Front camera	/	Sustainability certificates	EPEAT Gold, ENERGY STAR
Front camera HD type	HD	Weight & dimensions	
Infrared (IR) camera	✓	Width	358.2 mm
Privacy camera	·	Depth	261.2 mm
as, camera	-	Height	19.9 mm
		Weight *	1.67 kg



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