

ASUS Vivobook S 15 K3502ZA-BQ085W Intel® Core™ i5 i5-12500H Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Vivobook

Product code: 90NB0WK2-M003V0

Product name : K3502ZA-BQ085W

- Windows 11 Home 64-bit
- Intel Core i5-12500H (18MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS
- 8GB DDR4-SDRAM & 512GB SSD

Intel Core i5-12500H (18MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S 15 K3502ZA-BQ085W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.8 kg



Design		Network	
Colour name	Indie Black	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✗
Housing material	Plastic	Bluetooth	✓
Market positioning	Home	Bluetooth version	5.0
Display		Ports & interfaces	
Display diagonal *	39.6 cm (15.6")	USB 2.0 ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD	HDMI version	2.1
Panel type	IPS	Thunderbolt 4 ports quantity	2
LED backlight	✓	Intel® Thunderbolt 4	✓
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	250 cd/m ²	USB Power Delivery	✓
RGB colour space	NTSC		
Colour gamut	45%		
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i5	Keyboard layout	AZERTY
Processor generation	12th gen Intel® Core™ i5	Numeric keypad *	✓
Processor model *	i5-12500H	Keyboard backlit	✓
Processor cores	12		
Processor boost frequency	4.5 GHz	Software	
Processor cache	18 MB	Operating system architecture	64-bit
Configurable TDP-down	35 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
		Operating system installed *	Windows 11 Home

Memory		Processor special features	
Internal memory *	8 GB	Intel Flex Memory Access	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✓
Memory form factor	On-board + SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	1x SO-DIMM	Execute Disable Bit	✓
Storage		CPU configuration (max)	1
Total storage capacity *	512 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Battery	
SSD capacity	512 GB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	3
NVMe	✓	Battery capacity *	50 Wh
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	90 W
Card reader integrated	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	AC adapter output current	4.5 A
On-board graphics card *	✓	AC adapter output voltage	20 V
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Password protection type	BIOS, User
Audio system	Smart Amp	Weight & dimensions	
Speakers manufacturer	Harman Kardon	Width	359.8 mm
Built-in microphone	✓	Depth	232.9 mm
Camera		Height	18.9 mm
Front camera	✓	Weight *	1.8 kg
Front camera HD type	HD		
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		



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