

## ASUS Vivobook S 14 OLED K3402ZA-KM044W Intel® Core™ i5 i5-12500H Laptop 35.6 cm (14") WQXGA+ 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB0WE1-M00FA0

**Product name :** K3402ZA-KM044W



- Windows 11 Home 64-bit
- Intel Core i5-12500H (18MB Cache)
- 35.6 cm (14") WQXGA+ 2880 x 1800 OLED
- 16GB DDR4-SDRAM & 512GB SSD

Intel Core i5-12500H (18MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") WQXGA+ 2880 x 1800 OLED, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S 14 OLED K3402ZA-KM044W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 35.6 cm (14"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels. Internal memory: 16 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: Grey. Weight: 1.5 kg



Design		Network	
Colour name	Neutral Grey	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Grey	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✗
Market positioning	Home	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.2
Display diagonal *	35.6 cm (14")	<b>Ports &amp; interfaces</b>	
Display resolution *	2880 x 1800 pixels	USB 2.0 ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	WQXGA+	HDMI ports quantity *	1
Panel type	OLED	HDMI version	2.0b
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	2
Display brightness	600 cd/m <sup>2</sup>	Intel® Thunderbolt 4	✓
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Colour gamut	100%	Charging port type	USB Type-C
Maximum refresh rate	90 Hz	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) supported	✓	USB Power Delivery	✓
High Dynamic Range (HDR) technology	HDR True Black 600	<b>Keyboard</b>	
<b>Processor</b>		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i5	Keyboard backlit	✓
Processor generation	12th gen Intel® Core™ i5	<b>Software</b>	
Processor model *	i5-12500H	Operating system architecture	64-bit
Processor cores	12	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor boost frequency	4.5 GHz	Operating system installed *	Windows 11 Home
Processor cache	18 MB		
Configurable TDP-down	35 W		

<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	16 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	✓
Maximum internal memory *	16 GB	CPU configuration (max)	1
<b>Storage</b>		Embedded options available	✗
Total storage capacity *	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	512 GB	<b>Battery</b>	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	512 GB	Number of battery cells	3
SSD interface	NVMe, PCI Express 4.0	Battery capacity *	70 Wh
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	AC adapter power	90 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
<b>Graphics</b>		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	<b>Security</b>	
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
<b>Audio</b>		Password protection	✓
Speakers manufacturer	Harman Kardon	Password protection type	BIOS, User
Built-in microphone	✓	<b>Weight &amp; dimensions</b>	
<b>Camera</b>		Width	316.4 mm
Front camera	✓	Depth	224.5 mm
Front camera HD type	HD	Height	18.9 mm
Privacy camera	✓	Weight *	1.5 kg
Privacy type	Privacy shutter	<b>Network</b>	
<b>Network</b>		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)



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