



## ASUS Vivobook S 15 OLED S5504VA-L1090W Intel® Core™ i5 i5-13500H Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue

**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB0ZK1-M00CNO



**Product name :** S5504VA-L1090W

Intel Core i5-13500H (18MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 OLED, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

[ASUS Vivobook S 15 OLED S5504VA-L1090W Intel® Core™ i5 i5-13500H Laptop 39.6 cm \(15.6"\) Full HD 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E \(802.11ax\) Windows 11 Home Blue:](#)



### Wherever possibility takes you.

Unleash the possibilities with Vivobook S 15 OLED, the outstanding laptop for school, work or entertainment. With the awesome power of its 13th Gen Intel® Core™ i9 H-series processor and a high-capacity 1 TB SSD, any task is easy — work or play, anywhere, anytime. And everything will look its best on the world-leading 15.6-inch 2.8K 120 Hz1 OLED display! The super-stylish new design with its brilliant colours shouts your personality to the world. Explore further and faster with Vivobook S 15 OLED!



Design		Audio	
Colour name	Solar Blue	Speakers manufacturer	Harman Kardon
Product type *	Laptop	Built-in microphone	✓
Product colour *	Blue	<b>Camera</b>	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium, Plastic	Front camera HD type	Full HD
Market positioning	Home	Privacy camera	✓
Country of origin	China	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
Panel type	OLED	Ethernet LAN	✗
Native aspect ratio	16:9	Bluetooth	✓
Display surface	Gloss	Bluetooth version	5.3
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	Ports & interfaces	
RGB colour space	DCI-P3	USB 2.0 ports quantity *	1
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000000:1	HDMI version	1.4
High Dynamic Range (HDR) supported	✓	Thunderbolt 4 ports quantity	1
High Dynamic Range (HDR) technology	HDR True Black 600	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	DC-in jack
Processor family *	Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i5	USB Power Delivery	✓
Processor model *	i5-13500H		

<b>Processor</b>		<b>Performance</b>	
Processor cores	12	Repairability index	7.4
Processor threads	16	<b>Keyboard</b>	
Processor boost frequency	4.7 GHz	Pointing device	Touchpad
Performance cores	4	Numeric keypad *	✓
Efficient cores	8	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.7 GHz	<b>Software</b>	
Efficient-core Max Turbo Frequency	3.5 GHz	Operating system architecture	64-bit
Processor cache	18 MB	Trial software	1-month trial for new Microsoft 365 customers, McAfee LiveSafe™ 30-day trial
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Home
Configurable TDP-down	35 W	<b>Processor special features</b>	
Processor base power	45 W	CPU configuration (max)	1
Maximum turbo power	95 W	<b>Battery</b>	
<b>Memory</b>		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	LPDDR5-SDRAM	Battery capacity *	70 Wh
Memory form factor	On-board	<b>Power</b>	
Maximum internal memory *	16 GB	AC adapter power	90 W
<b>Storage</b>		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	4.74 A
Total SSDs capacity	512 GB	AC adapter output voltage	19 V
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
Optical drive type *	✗	<b>Weight &amp; dimensions</b>	
<b>Graphics</b>		Width	359.3 mm
Discrete graphics card model *	Not available	Depth	229.4 mm
On-board graphics card *	✓	Height	17.9 mm
On-board GPU manufacturer	Intel	Weight *	1.7 kg
Discrete graphics card *	✗	<b>Packaging data</b>	
On-board graphics card family	Intel Iris Xe Graphics	Package width	481 mm
On-board graphics card model *	Intel Iris Xe Graphics	Package depth	65 mm
<b>Audio</b>		Package height	288 mm
Audio system	Smart Amp	Package weight	2.25 kg
		<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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