ASUS

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-M00CN0

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

Colour name	Solar Blue
Product type *	Laptop
Product colour *	Blue
Form factor *	Clamshell
Housing material	Aluminium, Plastic
Market positioning	Home
Country of origin	China

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	OLED
Native aspect ratio	16:9
Display surface	Gloss
Maximum display brightness (HDR)	600 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	HDR True Black 600

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-13500H

Audio

Speakers manufacturer	Harman Kardon
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	Full HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Processor

Processor cores	12
Processor threads	16
Processor boost frequency	4.7 GHz
Performance cores	4
Efficient cores	8
Performance-core Max Turbo Frequency	4.7 GHz
Efficient-core Max Turbo Frequency	3.5 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W
Processor base power	45 W
Maximum turbo power	95 W

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio system	Smart Amp

Performance

Repairability index	7.4

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers, McAfee LiveSafe™ 30-day trial
Operating system installed *	Windows 11 Home

Processor special features

CPU configuration (max)	1

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	70 Wh

Power

AC adapter power	90 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	4.74 A
AC adapter output voltage	19 V

Security

Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Weight & dimensions

Width	359.3 mm
Depth	229.4 mm
Height	17.9 mm
Weight *	1.7 kg

Packaging data

Package width	481 mm
Package depth	65 mm
Package height	288 mm
Package weight	2.25 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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