ASUS Vivobook Pro 15 OLED K6502HE-MA034W laptop Intel® Core™ i9 i9-11900H 39.6 cm (15.6") 2.8K 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Blue
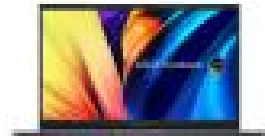
Brand : ASUS

Product family: Vivobook

Product code: K6502HE-MA034W

Product name : K6502HE-MA034W

- Windows 11 Home 64-bit
- Intel Core i9-11900H (24MB Cache, 2.5GHz)
- 39.6 cm (15.6") 2.8K 2880 x 1620 OLED, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)
- 16GB DDR4-SDRAM (1 x 16) & 1000GB SSD

Intel Core i9-11900H (24MB Cache, 2.5GHz), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") 2.8K 2880 x 1620 OLED, Intel UHD Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED K6502HE-MA034W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-11900H, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), HD type: 2.8K, Display resolution: 2880 x 1620 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Blue

Design

Colour name	Quiet Blue
Product type *	Laptop
Product colour *	Blue
Form factor *	Clamshell

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	2880 x 1620 pixels
Touchscreen *	✖
HD type	2.8K
Panel type	OLED
Native aspect ratio	16:9
Display surface	Gloss
Display brightness	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 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™ i9
Processor generation	11th gen Intel® Core™ i9
Processor model *	i9-11900H
Processor cores	8
Processor boost frequency	4.9 GHz
Processor frequency *	2.5 GHz

Audio

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 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✖
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.0

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Headphone outputs	1
Combo headphone/mic port	✔
Charging port type	DC-in jack

Processor

Processor cache	24 MB

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory form factor	On-board

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	SD

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	Smart Amp
Speakers manufacturer	Harman Kardon

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3

Power

AC adapter power	150 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	7.5 A
AC adapter output voltage	20 V

Security

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

Weight & dimensions

Width	356.3 mm
Depth	235.3 mm
Height (front)	1.99 cm
Height (rear)	2 cm
Weight *	1.8 kg

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