ASUS

ASUS Vivobook Pro 15 OLED M6500QC-L1031W AMD Ryzen™ 7 5800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB0YN1-M00290

Product name : M6500QC-L1031W

- Windows 11 Home 64-bit
- AMD Ryzen 7 5800H (16MB Cache, 3.2GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 OLED, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB DDR4-SDRAM & 512GB SSD

AMD Ryzen 7 5800H (16MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 OLED, AMD Radeon Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED M6500QC-L1031W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5800H, Processor frequency: 3.2 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Home. Product colour: Blue

Design

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

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
Display brightness	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	HDR True Black 600

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor generation	AMD Ryzen 5000 Series
Processor model *	5800H
Processor cores	8
Processor boost frequency	4.4 GHz

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 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Processor

Processor frequency *	3.2 GHz
Processor cache	16 MB

Memory

Internal memory *	16 GB
Internal memory type	DDR4-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 3.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon Graphics

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard layout	QWERTY

Software

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

Battery

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

Power

AC adapter power	120 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	6 A
AC adapter output voltage	20 V
DC-in jack	✔
USB Power Delivery (USB PD)	✔

Security

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

Weight & dimensions

Width	359.8 mm
Depth	234.3 mm
Height (front)	1.89 cm
Height (rear)	1.99 cm
Weight *	1.8 kg

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