ASUS

ASUS VivoBook Pro 15 M6500XU-LP086W Laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 9 7940HS 16 GB LPDDR5x-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Blue

Brand : ASUS   **Product family:** VivoBook   **Product code:** 90NB1201-M00370

Product name : M6500XU-LP086W

- Windows 11 Home 64-bit
- AMD Ryzen 9 7940HS (16MB Cache, 4GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB LPDDR5x-SDRAM & 512GB SSD

AMD Ryzen 9 7940HS (16MB Cache, 4GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, AMD Radeon 780M, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS VivoBook Pro 15 M6500XU-LP086W Laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 9 7940HS 16 GB LPDDR5x-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Blue:

Wow the World with Supreme Power
Its AMD Ryzen™ 7000 Series Processor and up to NVIDIA® GeForce RTX™ 4060 laptop GPU2 deliver maximum performance thanks to the dual-fan cooling system.

ENERGY STAR   *RoHS 2002/95/EC*   *epeat SILVER*

Design

Colour name	Quiet Blue
Product type *	Laptop
Product colour *	Blue
Form factor *	Clamshell
Housing material	Aluminium, Plastic

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	250 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	144 Hz

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor model *	7940HS
Processor frequency *	3.2 GHz
Processor boost frequency	4.4 GHz
Processor cores	8
Processor cache	16 MB

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM

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	1x1
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB4 Gen 3x2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Memory

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 *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 4050
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 780M
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6

Audio

Audio system	Smart Amp
Built-in microphone	✔

Camera

Front camera	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
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	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

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR, RoHS, REACH

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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