



## ASUS VivoBook Pro 15 OLED M6500RE-MA055W 6900HX Notebook 39.6 cm (15.6") 2.8K AMD Ryzen™ 9 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: VivoBook

Product code: 90NB0YG2-  
M00260



Product name : M6500RE-  
MA055W

- Windows 11 Home 64-bit  
- AMD Ryzen 9 6900HX (16MB Cache, 3.3GHz)  
- 39.6 cm (15.6") 2.8K 2880 x 1620 OLED, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)  
- 16GB LPDDR5-SDRAM (1 x 16) & 1000GB SSD  
AMD Ryzen 9 6900HX (16MB Cache, 3.3GHz), 16GB LPDDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") 2.8K 2880 x 1620 OLED, AMD Radeon 680M, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
ASUS VivoBook Pro 15 OLED M6500RE-MA055W. Product type: Notebook, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 6900HX, Processor frequency: 3.3 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: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Graphics	
Colour name	Cool Silver	Discrete graphics memory type	GDDR6
Product type *	Notebook	Audio	
Product colour *	Silver	Audio system	Smart Amp
Form factor *	Clamshell	Built-in microphone	✓
Display		Camera	
Display diagonal *	39.6 cm (15.6")	Front camera	✓
Display resolution *	2880 x 1620 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Network	
HD type	2.8K	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Mobile network connection *	✗
Display surface	Gloss	Antenna type	2x2
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	120 Hz	Ports & interfaces	
Contrast ratio (typical)	1000000:1	USB 2.0 ports quantity *	2
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
High Dynamic Range (HDR) technology	HDR True Black 600	USB4 Gen 3x2 ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor model *	6900HX	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Charging port type	DC-in jack
Processor frequency *	3.3 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.9 GHz	USB Power Delivery	✓
Processor cores	8		
Processor cache	16 MB		

<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5-SDRAM	Numeric keypad *	✓
Memory form factor	On-board	<b>Software</b>	
Memory layout (slots x size)	1 x 16 GB	Operating system architecture	64-bit
Maximum internal memory *	16 GB	Operating system installed *	Windows 11 Home
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	1 TB	Battery capacity *	70 Wh
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	1 TB	AC adapter power	150 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	7.5 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	MicroSD (TransFlash)	<b>Security</b>	
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Password protection type	BIOS, User
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	359.8 mm
On-board graphics card model *	AMD Radeon 680M	Depth	234.3 mm
Discrete graphics card memory	4 GB	Height (front)	1.89 cm
		Height (rear)	1.99 cm
		Weight *	1.8 kg

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 29-JUN-2023. Prints or copies of Information are only valid on the printed Publication date