



# ASUS VivoBook Pro 15 M6500RE-HN054W AMD Ryzen™ 9 6900HX Laptop 39.6 cm (15.6") Full HD 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-M00250



Product name : M6500RE-HN054W



- Windows 11 Home
  - AMD Ryzen™ 9 6900HX Mobile Processor
  - NVIDIA® GeForce® RTX™ 3050 Ti Laptop GPU
  - 3-sided NanoEdge display
  - 1TB M.2 NVMe™ PCIe® 3.0 SSD storage
  - ASUS IceCool Plus thermal Technology with 85W total TDP
  - Harman Kardon audio system
  - Physical Webcam Shield
  - One-touch login via power button
  - WiFi 6E (802.11ax) enhanced with ASUS WiFi Master Premium
- AMD Ryzen 9 6900HX (16MB Cache, 3.3GHz), 16GB LPDDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 680M, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit



Design		Camera	
Colour name	Cool Silver	Privacy camera	✓
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Silver	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Housing material	Aluminium, Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Country of origin	China	Mobile network connection *	✗
<b>Display</b>		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.0
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type	Full HD	USB 2.0 ports quantity *	2
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display surface	Gloss	HDMI ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	HDMI version	2.1
RGB colour space	NTSC	Combo headphone/mic port	✓
Colour gamut	45%	Charging port type	DC-in jack
Maximum refresh rate	144 Hz	USB Type-C DisplayPort Alternate Mode	✓
<b>Processor</b>		USB Power Delivery	✓
Processor manufacturer *	AMD	<b>Performance</b>	
Processor family *	AMD Ryzen™ 9	Repairability index	7.6
Processor model *	6900HX	<b>Keyboard</b>	
Processor cores	8	Pointing device	Touchpad
Processor boost frequency	4.9 GHz	Numeric keypad *	✓
Processor frequency *	3.3 GHz	Keyboard backlight	✓
Processor cache	16 MB		
Processor cache type	L3		

<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	LPDDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Memory form factor	On-board	Operating system installed *	Windows 11 Home
Maximum internal memory *	16 GB	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	3
Storage media *	SSD	Battery capacity *	50 Wh
Total SSDs capacity	1 TB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	150 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 3.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	7.5 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
Card reader integrated	✓	Fingerprint reader	✓
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	4 GB	Width	359.8 mm
Discrete graphics memory type	GDDR6	Depth	234.3 mm
On-board graphics card *	✓	Height (front)	1.89 cm
On-board GPU manufacturer	AMD	Height (rear)	1.99 cm
Discrete graphics card *	✓	Weight *	1.8 kg
On-board graphics card model *	AMD Radeon 680M	<b>Packaging data</b>	
<b>Audio</b>		Package width	65 mm
Audio system	Smart Amp	Package depth	460 mm
Speakers manufacturer	Harman Kardon	Package height	290 mm
Built-in microphone	✓	Package weight	2.57 kg
<b>Camera</b>		<b>Logistics data</b>	
Front camera	✓	Commodity Classification	
Front camera HD type	Full HD	Automated Tracking System (CCATS)	8471300000



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