



# ASUS VivoBook Pro 15 M6500RE-HN063W AMD Ryzen™ 7 6800H Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Blue



**Brand :** ASUS

**Product family:** VivoBook

**Product code:** 90NB0YG1-M002W0

**Product name :** M6500RE-HN063W

AMD Ryzen 7 6800H (16MB Cache, 3.2GHz), 16GB LPDDR5-SDRAM, 512GB 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

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## Wow the World with Supreme Power

Lighting up your creativity is easier than ever with the powerful Vivobook Pro 15. Its AMD Ryzen™ 6000 series processor and NVIDIA GeForce RTX™ 3050 Ti graphics deliver maximum performance thanks to the dual-fan cooling system, and USB 3.2 Gen 2 Type-C gives you speedy and convenient connections. Your creations will look their best on the fantastic FHD display, with its super-smooth 144 Hz refresh rate and ultra-accurate vivid colours



Design		Camera	
Colour name	Quiet Blue	Privacy type	Privacy shutter
Product type *	Laptop	Network	
Product colour *	Blue	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Housing material	Aluminium	Mobile network connection *	✗
Market positioning	Home	Antenna type	2x2
Country of origin	China	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	39.6 cm (15.6")	Bluetooth version	5.3
Display resolution *	1920 x 1080 pixels	Ports & interfaces	
Touchscreen *	✗	USB 2.0 ports quantity *	2
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.1
Display surface	Gloss	Combo headphone/mic port	✓
Display brightness	250 cd/m <sup>2</sup>	Charging port type	DC-in jack
RGB colour space	NTSC	Power adapter barrel connector	4.5 mm
Colour gamut	45%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	144 Hz	USB Power Delivery	✓
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen™ 7	Numeric keypad *	✓
Processor model *	6800H	Keyboard backlit	✓
Processor cores	8		
Processor boost frequency	4.7 GHz		
Processor frequency *	3.2 GHz		
Processor cache	16 MB		

<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	LPDDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	On-board	<b>Battery</b>	
Maximum internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	3
Total storage capacity *	512 GB	Battery capacity *	50 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	512 GB	AC adapter power	150 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	512 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 3.0	AC adapter output current	7.5 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	<b>Sustainability</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Sustainability compliance	✓
Discrete graphics card memory	4 GB	Sustainability certificates	ENERGY STAR, REACH, RoHS
Discrete graphics memory type	GDDR6	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✓	Width	359.8 mm
Discrete graphics card *	✓	Depth	234.3 mm
On-board graphics card model *	AMD Radeon 680M	Height (front)	1.89 cm
<b>Audio</b>		Height (rear)	1.99 cm
Audio system	Smart Amp	Weight *	1.8 kg
Speakers manufacturer	Harman Kardon	<b>Packaging data</b>	
Built-in microphone	✓	Package width	65 mm
<b>Camera</b>		Package depth	488 mm
Front camera	✓	Package height	310 mm
Front camera resolution	1920 x 1080 pixels	Package weight	3.76 kg
Front camera HD type	Full HD	<b>Logistics data</b>	
Privacy camera	✓	Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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