



ASUS VivoBook Pro 15 M6500RC-HN058W AMD Ryzen™ 7 6800H Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



Brand : ASUS

Product family: VivoBook

Product code: 90NB0YK2-M003T0

Product name : M6500RC-HN058W

- Windows 11 Home
 - AMD Ryzen 7 6800H Mobile Processor
 - NVIDIA GeForce RTX 3050
 - 3-sided NanoEdge display
 - 512 GB PCIe Gen 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
 - Wi-Fi 6E (802.11ax) enhanced with ASUS WiFi Master Premium
- 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 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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Wow the World with Supreme Power

Shape your wonderland becomes easier than ever with the powerful Vivobook Pro 15. Its AMD Ryzen™ 7 6800H Mobile Processor and NVIDIA® GeForce RTX™ 3050 graphics deliver maximum performance thanks to the dual-fan cooling system. Your creations will impress the world with such supreme power.

Design		Audio	
Colour name	Cool Silver	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Privacy camera	✓
Housing material	Aluminium	Privacy type	Privacy shutter
Market positioning	Home	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	39.6 cm (15.6")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD	Ethernet LAN	✗
Panel type	IPS	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.3
Native aspect ratio	16:9	Ports & interfaces	
Display surface	Gloss	USB 2.0 ports quantity *	2
Display brightness	250 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
RGB colour space	NTSC	USB4 Gen 2x2 ports quantity	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	144 Hz	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Charging port type	DC-in jack
Processor family *	AMD Ryzen™ 7	Power adapter barrel connector	4.5 mm
Processor model *	6800H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	USB Power Delivery	✓
Processor boost frequency	4.7 GHz		
Processor frequency *	3.2 GHz		
Processor cache	16 MB		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5-SDRAM	Numeric keypad *	✓
Memory form factor	On-board	Keyboard backlit	✓
Memory layout (slots x size)	1 x 16 GB	Software	
Maximum internal memory *	16 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	3
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	150 W
SSD interface	PCI Express 3.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	7.5 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Fingerprint reader	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Password protection type	BIOS, User
Discrete graphics card memory	4 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, REACH, RoHS
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✓	Width	359.8 mm
On-board graphics card model *	AMD Radeon 680M	Depth	234.3 mm
Audio		Height (front)	1.89 cm
Audio system	Smart Amp	Height (rear)	1.99 cm
Speakers manufacturer	Harman Kardon	Weight *	1.8 kg



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