

## ASUS Vivobook Pro 15 M6500XU-LP004W AMD Ryzen™ 7 7840HS Laptop 39.6 cm (15.6") Full HD 16 GB LPDDR5-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-M00250



**Product name :** M6500XU-LP004W



- Windows 11 Home 64-bit  
 - AMD Ryzen 7 7840HS (24MB Cache, 3.8GHz)  
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4050 (6GB GDDR6)  
 - 16GB LPDDR5-SDRAM (1 x 16) & 512GB SSD  
 AMD Ryzen 7 7840HS (24MB Cache, 3.8GHz), 16GB LPDDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS Vivobook Pro 15 M6500XU-LP004W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7840HS, Processor frequency: 3.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Blue

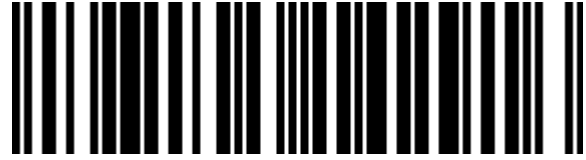


Design		Camera	
Colour name	Quiet Blue	Privacy type	Privacy shutter
Product type *	Laptop	Network	
Product colour *	Blue	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Mobile network connection *	✗
Market positioning	Home	Antenna type	1x1
Introduction year	2023	Ethernet LAN	✗
Country of origin	China	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 2.0 ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	Full HD	USB4 Gen 3x2 ports quantity	1
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	Charging port type	DC-in jack
Display brightness	250 cd/m <sup>2</sup>	Power adapter barrel connector	4.5 mm
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	USB Power Delivery	✓
Maximum refresh rate	144 Hz	Performance	
Processor		Repairability index	8.5
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor model *	7840HS	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		

<b>Processor</b>		<b>Software</b>	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	L2 & L3	Trial software	1-month trial for new Microsoft 365 customers.
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	<b>Battery</b>	
Internal memory type	LPDDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	3
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	70 Wh
Maximum internal memory *	16 GB	<b>Power</b>	
<b>Storage</b>		AC adapter power	150 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	AC adapter output current	7.5 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Card reader integrated	✓	<b>Certificates</b>	
Compatible memory cards	MicroSD (TransFlash)	Compliance certificates	RoHS, REACH
<b>Graphics</b>		<b>Sustainability</b>	
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	EPEAT Silver, ENERGY STAR
Discrete graphics card model *	NVIDIA GeForce RTX 4050	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	6 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 780M	<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	2.76 kg
<b>Camera</b>		<b>Logistics data</b>	
Front camera	✓	Commodity Classification	
Front camera HD type	Full HD	Automated Tracking System (CCATS)	8471300000
Privacy camera	✓		



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