ASUS

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
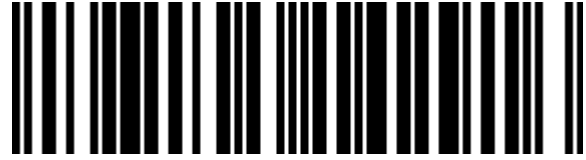
Design		Camera	
Colour name	Quiet Blue	Privacy type	Privacy shutter
Product type *	Laptop	**Network**	
Product colour *	Blue	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Housing material	Plastic	Mobile network connection *	✖
Market positioning	Home	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		
Panel type	IPS	USB4 Gen 3x2 ports quantity	1
LED backlight	✔	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.1
Anti-glare screen	✔	Combo headphone/mic port	✔
Display brightness	250 cd/m²	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		
Processor		USB Power Delivery	✔
Processor manufacturer *	AMD	**Performance**	
Processor family *	AMD Ryzen™ 7	Repairability index	8.5
Processor model *	7840HS	**Keyboard**	
Processor cores	8	Pointing device	Touchpad
Processor boost frequency	5.1 GHz	Numeric keypad *	✔
Processor frequency *	3.8 GHz	Keyboard backlit	✔

Processor

Processor cache	24 MB
Processor cache type	L2 & L3

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	On-board
Memory layout (slots x size)	1 x 16 GB
Maximum internal memory *	16 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✖
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4050
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 780M

Audio

Audio system	Smart Amp
Speakers manufacturer	Harman Kardon
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	Full HD
Privacy camera	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers.
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	70 Wh

Power

AC adapter power	150 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	7.5 A
AC adapter output voltage	20 V

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Certificates

Compliance certificates	RoHS, REACH

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	359.8 mm
Depth	234.3 mm
Height (front)	1.89 cm
Height (rear)	1.99 cm
Weight *	1.8 kg

Packaging data

Package width	65 mm
Package depth	460 mm
Package height	290 mm
Package weight	2.76 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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