



# 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

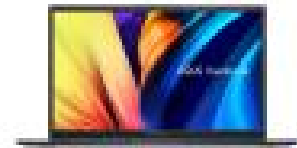
**Product family:** Vivobook

**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  |
| Maximum internal memory *      | 16 GB                   | Battery capacity *                | 70 Wh  |
| <b>Storage</b>                 |                         | <b>Power</b>                      |  |
| Total storage capacity *       | 512 GB                  | AC adapter power                  | 150 W  |
| Storage media *                | SSD                     | AC adapter frequency              | 50 - 60 Hz                                     |
| Total SSDs capacity            | 512 GB                  | AC adapter input voltage          | 100 - 240 V                                    |
| Number of SSDs installed       | 1                       | AC adapter output current         | 7.5 A  |
| SSD capacity                   | 512 GB                  | AC adapter output voltage         | 20 V   |
| SSD interface                  | PCI Express 4.0         | <b>Security</b>                   |  |
| NVMe                           | ✓                       | Fingerprint reader                | ✓  |
| SSD form factor                | M.2                     | Trusted Platform Module (TPM)     | ✓  |
| Optical drive type *           | ✗                       | Password protection               | ✓  |
| Card reader integrated         | ✓                       | Password protection type          | BIOS, User                                     |
| Compatible memory cards        | MicroSD (TransFlash)    | <b>Certificates</b>               |  |
| <b>Graphics</b>                |                         | Compliance certificates           | RoHS, REACH                                    |
| Discrete GPU manufacturer      | NVIDIA                  | <b>Sustainability</b>             |  |
| Discrete graphics card model * | NVIDIA GeForce RTX 4050 | Sustainability certificates       | EPEAT Silver, ENERGY STAR                      |
| Discrete graphics card memory  | 6 GB                    | <b>Weight &amp; dimensions</b>    |  |
| Discrete graphics memory type  | GDDR6                   | Width                             | 359.8 mm                                       |
| On-board graphics card *       | ✓                       | Depth                             | 234.3 mm                                       |
| On-board GPU manufacturer      | AMD                     | Height (front)                    | 1.89 cm  |
| Discrete graphics card *       | ✓                       | Height (rear)                     | 1.99 cm  |
| On-board graphics card model * | AMD Radeon 780M         | Weight *                          | 1.8 kg   |
| <b>Audio</b>                   |                         | <b>Packaging data</b>             |  |
| Audio system                   | Smart Amp               | Package width                     | 65 mm  |
| Speakers manufacturer          | Harman Kardon           | Package depth                     | 460 mm   |
| Built-in microphone            | ✓                       | Package height                    | 290 mm   |
| <b>Camera</b>                  |                         | Package weight                    | 2.76 kg  |
| Front camera                   | ✓                       | <b>Logistics data</b>             |  |
| Front camera resolution        | 1920 x 1080 pixels      | Commodity Classification          |  |
| Front camera HD type           | Full HD                 | Automated Tracking System (CCATS) | 8471300000                                     |
| Privacy camera                 | ✓                       |                                   |  |



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