

ASUS Vivobook Pro 15 OLED M6500QC-L1031W AMD Ryzen™ 7 5800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Blue

Brand : ASUS

Product family: Vivobook

Product code: 90NB0YN1-M00290

Product name : M6500QC-L1031W



- Windows 11 Home 64-bit
- AMD Ryzen 7 5800H (16MB Cache, 3.2GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 OLED, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB DDR4-SDRAM & 512GB SSD

AMD Ryzen 7 5800H (16MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 OLED, AMD Radeon Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook Pro 15 OLED M6500QC-L1031W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5800H, Processor frequency: 3.2 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: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Home. Product colour: Blue

| Design | | Audio | |
|-------------------------------------|-----------------------|---|--------------------|
| Colour name | Quiet Blue | Speakers manufacturer | Harman Kardon |
| Product type * | Laptop | Built-in microphone | ✓ |
| Product colour * | Blue | Camera | |
| Form factor * | Clamshell | Front camera | ✓ |
| Market positioning | Home | Front camera HD type | Full HD |
| Display | | Privacy camera | ✓ |
| Display diagonal * | 39.6 cm (15.6") | Privacy type | Privacy shutter |
| Display resolution * | 1920 x 1080 pixels | Network | |
| Touchscreen * | ✗ | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| HD type | Full HD | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Panel type | OLED | Mobile network connection * | ✗ |
| Native aspect ratio | 16:9 | Antenna type | 2x2 |
| Display surface | Gloss | Ethernet LAN | ✗ |
| Display brightness | 400 cd/m ² | Bluetooth | ✓ |
| RGB colour space | DCI-P3 | Bluetooth version | 5.0 |
| Colour gamut | 100% | Ports & interfaces | |
| Contrast ratio (typical) | 1000000:1 | USB 2.0 ports quantity * | 2 |
| High Dynamic Range (HDR) supported | ✓ | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| High Dynamic Range (HDR) technology | HDR True Black 600 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor | | HDMI ports quantity * | 1 |
| Processor manufacturer * | AMD | HDMI version | 1.4 |
| Processor family * | AMD Ryzen™ 7 | Combo headphone/mic port | ✓ |
| Processor generation | AMD Ryzen 5000 Series | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor model * | 5800H | | |
| Processor cores | 8 | | |
| Processor boost frequency | 4.4 GHz | | |

| | | | |
|--------------------------------|-------------------------|--------------------------------|----------------------|
| Processor | | Keyboard | |
| Processor frequency * | 3.2 GHz | Pointing device | Touchpad |
| Processor cache | 16 MB | Numeric keypad * | ✓ |
| Memory | | Keyboard backlit | ✓ |
| Internal memory * | 16 GB | Keyboard layout | QWERTY |
| Internal memory type | DDR4-SDRAM | Software | |
| Memory form factor | On-board | Operating system architecture | 64-bit |
| Maximum internal memory * | 16 GB | Operating system installed * | Windows 11 Home |
| Storage | | Battery | |
| Total storage capacity * | 512 GB | Battery technology | Lithium-Ion (Li-Ion) |
| Storage media * | SSD | Number of battery cells | 3 |
| Total SSDs capacity | 512 GB | Battery capacity * | 70 Wh |
| Number of SSDs installed | 1 | Power | |
| SSD capacity | 512 GB | AC adapter power | 120 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 | 6 A |
| Optical drive type * | ✗ | AC adapter output voltage | 20 V |
| Card reader integrated | ✓ | DC-in jack | ✓ |
| Compatible memory cards | MicroSD (TransFlash) | USB Power Delivery (USB PD) | ✓ |
| Graphics | | Security | |
| Discrete GPU manufacturer | NVIDIA | Fingerprint reader | ✓ |
| Discrete graphics card model * | NVIDIA GeForce RTX 3050 | Trusted Platform Module (TPM) | ✓ |
| Discrete graphics card memory | 4 GB | Password protection | ✓ |
| Discrete graphics memory type | GDDR6 | Password protection type | BIOS, User |
| On-board graphics card * | ✓ | Weight & dimensions | |
| On-board GPU manufacturer | AMD | Width | 359.8 mm |
| Discrete graphics card * | ✓ | Depth | 234.3 mm |
| On-board graphics card model * | AMD Radeon Graphics | Height (front) | 1.89 cm |
| | | Height (rear) | 1.99 cm |
| | | Weight * | 1.8 kg |



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