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**Notebook ASUS  
VivoBook Series  
M3607HA-  
SH080W  
Copilot+ PC CPU  
AMD RyzenT 7  
260 3.8 GHz 16  
1920 x 1200  
pixels RAM 16  
GB DDR5-  
SDRAM SSD  
1000 GB  
Discrete  
graphics Not  
available On-  
board graphics  
Yes Numeric  
keypad Yes OS  
installed  
Windows 11**

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# Home Colour Grey Weight 1.7 kg 90NB16F1- M00C10



Model: 90NB16F1-M00C10

Manufacturer: ASUS

EAN: 4711636430333

Product Code: 311535

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## R26,577

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### More Intelligent, More Productive, More Secure

Experience effortless productivity with the ASUS Vivobook S16, your ideal companion for everyday life. Whether for work, study, or play, this laptop helps you power through any task, designed to be more productive, intelligent, and secure. Its sleek metallic design is both practical and stylish, with up to AMD Ryzen™ 7 260 processor and up to 19 hours of battery life<sup>1</sup> ensure all-day productivity. Enjoy stunning visuals on the vibrant 16:10 FHD 144Hz IPS display and immersive sound for better video calls and streaming. Built for a balanced lifestyle, the ASUS Vivobook S16 does more for you, giving you back time to enjoy life's everyday moments.

- Windows 11 Home 64-bit
- AMD Ryzen 7 260 (3.8GHz)
- 16" WUXGA 1920 x 1200 OLED
- 16GB DDR5-SDRAM & 1000GB SSD

The model shown is for reference purposes only. Actual models may differ.

Model and specification configurations are subject to availability and may vary by region.

Screen simulated, subject to change. Copilot in Windows (in preview) is available in select global

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markets and will be rolled out to additional markets over time. The Copilot key will be available on many new Windows PCs starting in early 2024. When Copilot in Windows is not enabled on the device, pressing the Copilot key will launch Windows Search See [aka.ms/WindowsAIFeatures](https://aka.ms/WindowsAIFeatures).

Battery tests conducted by ASUS on March, 2025 using the 1080p Video Playback scenario. Test configuration: Vivobook S16 (M3607HA), FHD IPS panel, AMD Ryzen™ 5 220, 512 GB SSD, 16 GB RAM, 70 WHrs battery. Test settings: WiFi disabled, Keyboard backlight disabled, Windows Power Mode set to Balance mode, display brightness set to 150 cd/m2 with headset, default earbud volume. Actual battery life may vary depending on product configuration, usage, operational conditions, and power management settings. Battery life will decrease over the lifetime of the battery.

The visual appearance of OLED displays may change over the product's lifetime. This is expected behavior that can include image persistence or burn-in, where the display shows a faint remnant of an image even after a new image appears on the screen. This tends to occur only in extreme use cases, such as when a static, high-contrast image is continuously displayed for prolonged periods of time. ASUS laptops with an OLED display minimize this risk by setting Windows's Dark mode as default, as well as shortening the idle time before the screen is turned off — both on mains (AC) and battery (DC) power. This dual approach minimizes the potential for burn-in to maximize the lifespan of your OLED display lifespan, and also reduces unnecessary power draw for optimal battery life. We also recommended adjust the brightness of your OLED display to complement the ambient lighting in your environment, rather than keeping the screen at maximum brightness at all times. You should also ensure that you have an animated, dark-background screensaver enabled in the Windows Settings tool.

Thickness might vary according to specifications.

Weight may vary by specifications.

Summary: ASUS Vivobook S16 M3607HA-SH080W Copilot+ PC. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 260, Processor frequency: 3.8 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Grey | Vendor Homepage: <https://www.asus.com/laptops/for-home/vivobook/asus-vivobook-s14-m3407/> | L2 cache: 8 | L3 cache: 16 | Processor boost frequency: 5.1 | Processor cache type: L2 & L3 | Processor cores: 8 | Processor family: AMD Ryzen™ 7 | Processor frequency: 3.8 | Processor generation: AMD Ryzen 200 Series | Processor manufacturer:

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AMD | Processor model: 260 | Processor threads: 16 | Colour gamut: 95 | Contrast ratio (typical): 1000000:1 | Display brightness: 300 | Display diagonal: 16 | Display number of colours: 1.07 billion colours | Display resolution: 1920 x 1200 | Display response rise/fall: 0.2 | Display surface: Gloss | HD type: WUXGA | Maximum display brightness (HDR): 500 | Maximum refresh rate: 60 | Native aspect ratio: 16:10 | Panel type: OLED | RGB colour space: DCI-P3 | Touchscreen: No | Certified refurbished: No | Colour name: Matte Gray | Display back cover material: Aluminium | Form factor: Clamshell | Housing material: Aluminium,Plastic | Market positioning: Home | Product colour: Grey | Product type: Laptop | Copilot+ PC: Yes | Neural processor unit (NPU): AMD Ryzen AI | NPU performance up to: 16 | Total processor performance up to: 38 | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 32 | Memory form factor: On-board | Memory slots: 1x SO-DIMM | Card reader integrated: No | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 1000 | Total storage capacity: 1000 | Discrete graphics card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: AMD | On-board graphics card: Yes | On-board graphics card family: AMD Radeon Graphics | On-board graphics card model: AMD Radeon 780M | Built-in microphone: Yes | Front camera: Yes | Front camera HD type: Full HD | Infrared (IR) camera: Yes | Privacy camera: Yes | Privacy type: Privacy shutter | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet LAN: No | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Wi-Fi standards: Wi-Fi 6 (802.11ax) | Combo headphone/mic port: Yes | HDMI ports quantity: 1 | HDMI version: 2.1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity: 2 | USB Type-C DisplayPort Alternate Mode: Yes | Repairability index: 9.5 | Copilot key: Yes | Keyboard backlit: Yes | Numeric keypad: Yes | Pointing device: Touchpad | Bundled software: 3-Month GoPro Premium+ Subscription \*Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details. 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The rede | Microsoft Copilot: Yes | Operating system architecture: 64-bit | Operating system installed: Windows 11 Home | Trial software: 1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days | Battery capacity: 70 | Battery technology: Lithium-Ion (Li-Ion) | Number of battery cells: 4 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | AC adapter output current: 3.25 | AC adapter output voltage: 20 | AC adapter power: 65 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Face recognition: Yes | Password protection: Yes | Password protection type: BIOS/User | Trusted Platform Module (TPM): Yes | Windows Hello: Yes | Certification: US MIL-STD 810H military-grade standard | Compliance certificates: REACH |

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Sustainability certificates: ENERGY STAR/EPEAT Silver | Depth: 250.6 | Height (front): 15.9 | Height (rear): 17.9 | Weight: 1700 | Width: 357 | AC adapter included: Yes | NB Family name: VivoBook Series | Model name: M3607HA-SH080W Copilot+ PC | Units per Shipping Box: 1 | Unit Calculated Volume: 0.009874 | Unit Calculated Weight: 2.8

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