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**Notebook ASUS  
VivoBook Series  
M1607KA-  
MB186W  
Copilot+ PC CPU  
AMD Ryzen™ AI  
5 330 2 GHz 16  
1920 x 1200  
pixels RAM 16  
GB DDR5-  
SDRAM SSD 512  
GB Discrete  
graphics Not  
available On-  
board graphics  
Yes Numeric  
keypad Yes OS  
installed  
Windows 11  
Home Colour**

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# Silver Weight

## 1.88 kg

# 90NB15F2- M00E20



Model: 90NB15F2-M00E20

Manufacturer: ASUS

EAN: 4711636430265

Product Code: 311536

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# R21,287

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### Smart, Streamlined, Safe

ASUS Vivobook 16 is the perfect sidekick for your daily adventures. With a speedy up to AMD Ryzen™ AI 7 350 processor, up to 32 GB1 of RAM, and up to a spacious 1 TB SSD2, you'll breeze through tasks like a pro. Its stunning up to 16:10 FHD IPS 60 Hz 16-inch display brings everything to life in crisp detail. The sleek modern design features a comfy and quiet ASUS ErgoSense keyboard, a roomy touchpad with intuitive gesture support, and a flexible 180° hinge, making your workdays and playdays more efficient and enjoyable. Plus, with top-notch security features and military-grade durability, you can relax knowing your laptop is as tough as it is smart. Upgrade your everyday with this amazing ASUS Vivobook laptop!

- Windows 11 Home 64-bit
- AMD Ryzen AI 5 330 (2GHz)
- 16" WUXGA 1920 x 1200 IPS-Level
- 16GB DDR5-SDRAM & 512GB SSD

Maximum RAM capacity may vary according to device configuration.

Maximum SSD capacity may vary according to device configuration.

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Copilot is available in select global markets and will be rolled out to additional markets over time. Learn more. Copilot functionality is limited and has specific system requirements.

The screen-to-body ratio is calculated based on the visible body area of the display when the laptop is opened to 90 degree and the active display area. Percentage varies according to device configuration.

The testing regime includes the requirements of both military-grade standards and ASUS quality tests and varies depending on device. MIL-STD-810H testing is conducted on selected ASUS products only. Note that the MIL-STD-810H testing helps to ensure the quality of ASUS products but does not indicate a particular fitness for military use. Similarly, the test results should not be considered an indication or guarantee of future performance under the specified test conditions. Damage occurring under these test conditions or any attempt to replicate them would be considered accidental and would not be covered by the standard ASUS warranty. Additional coverage is available with ASUS Premium Care. <sup>†</sup>

Summary: ASUS Vivobook 16 M1607KA-MB186W Copilot+ PC. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 330, Processor frequency: 2 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: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 820M. Operating system installed: Windows 11 Home. Product colour: Silver | Vendor Homepage: <https://www.asus.com/laptops/for-home/vivobook/asus-vivobook-16-m1607/> | L2 cache: 4 | L3 cache: 8 | Processor boost frequency: 4.5 | Processor cache type: L2 & L3 | Processor cores: 4 | Processor family: AMD Ryzen™ AI 5 | Processor frequency: 2 | Processor generation: AMD Ryzen AI 300 Series | Processor manufacturer: AMD | Processor model: 330 | Processor threads: 8 | Anti-glare screen: Yes | Colour gamut: 45 | Display brightness: 300 | Display diagonal: 16 | Display resolution: 1920 x 1200 | HD type: WUXGA | LED backlight: Yes | Maximum refresh rate: 60 | Native aspect ratio: 16:10 | Panel type: IPS-Level | RGB colour space: NTSC | Touchscreen: No | Certified refurbished: No | Colour name: Cool Silver | Display back cover material: Plastic | Form factor: Clamshell | Housing material: Plastic | Market positioning: Home | Product colour: Silver | Product type: Laptop | Copilot+ PC: Yes | Neural processor unit (NPU): AMD Ryzen AI | NPU performance up to: 50 | Total processor performance up to: 56 | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 32 | Memory slots: 1x SO-DIMM | M.2 SSD size: 2280 (22 x 80 mm) | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 512 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 512 | Total storage capacity: 512 | Discrete graphics

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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 | On-board graphics card model: AMD Radeon 820M | Audio system: SonicMaster | 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: 9.2 | 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: 42 | Battery technology: Lithium-Ion (Li-Ion) | Number of battery cells: 3 | 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 | Sustainability certificates: ENERGY STAR | Depth: 250.6 | Height (front): 17.9 | Height (rear): 19.9 | Weight: 1880 | Width: 357 | AC adapter included: Yes | NB Family name: VivoBook Series | Model name: M1607KA-MB186W Copilot+ PC | Units per Pallet: 0 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.009615 | Unit Calculated Weight: 3.07

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