



**Notebook ASUS
VivoBook Series
X1607CA-
MB045W CPU
Intel Core Ultra
u5-225H 1700
MHz 16
1920x1200 RAM
16GB SSD
512GB Intel
Graphics
Integrated ENG
Windows 11
Home Blue 1.88
kg 90NB15A1-
M001V0**

Model: 90NB15A1-M001V0

Manufacturer: ASUS

EAN: 4711387846926

Product Code: 42413

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R23,932

More Intelligent, More Productive, More Secure

ASUS Vivobook 16 is the perfect sidekick for your daily adventures. With a speedy Intel® Core™ Ultra 5 (Series 2) processor, up to 32 GB of RAM, and a up to spacious 1 TB SSD, you'll breeze through tasks like a pro. Its stunning 16:10 up to FHD IPS 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 16!

- Windows 11 Home 64-bit
- Intel Core Ultra 5 225H (18MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR5-SDRAM & 512GB SSD

Summary: ASUS Vivobook 16 X1607CA-MB045W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 225H. 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: Intel Arc 130T. Operating system installed: Windows 11 Home. Product colour: Blue | Vendor Homepage: <https://www.asus.com/laptops/for-home/vivobook/asus-vivobook-16-x1607> | Efficient cores: 8 | Efficient-core base frequency: 1.3 | Efficient-core Max Turbo Frequency: 4.3 | Low Power Efficient-core Base Frequency: 700 | Low Power Efficient-core Max Turbo Frequency: 2.5 | Low Power Efficient-cores: 2 | Maximum turbo power: 115 | Performance cores: 4 | Performance-core base frequency: 1.7 | Performance-core Max Turbo Frequency: 4.9 | Processor base power: 28 | Processor boost frequency: 4.9 | Processor cache: 18 | Processor cores: 14 | Processor family: Intel Core Ultra 5 | Processor generation: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor model: 225H | Processor threads: 14 | Anti-glare screen: Yes | Colour gamut: 45 | Display brightness: 300 |

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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 | Colour name: Quiet Blue | Form factor: Clamshell | Housing material: Plastic | Market positioning: Home | Product colour: Blue | Product type: Laptop | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | GPU performance up to: 63 | Neural processor unit (NPU): Intel AI Boost | NPU performance up to: 13 | Sparsity support: Yes | Total processor performance up to: 83 | Windows Studio effects support: Yes | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 32 | Memory channels: Dual-channel | Memory form factor: On-board + SO-DIMM | 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 card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: Intel | On-board graphics card: Yes | On-board graphics card family: Intel Arc Graphics | On-board graphics card model: Intel Arc 130T | Audio system: SonicMaster | Built-in microphone: Yes | Front camera: Yes | Front camera HD type: Full HD | Infrared (IR) camera: Yes | Antenna type: 1x1 | Bluetooth: Yes | Bluetooth version: 5.2 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Combo headphone/mic port: Yes | HDMI ports quantity: 1 | HDMI version: 1.4 | 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 | Numeric keypad: Yes | Pointing device: Touchpad | Operating system architecture: 64-bit | Operating system installed: Windows 11 Home | 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 | Windows Hello: Yes | Compliance certificates: REACH | Sustainability certificates: ENERGY STAR | Depth: 250.6 | Height (front): 17.9 | Height (rear): 19.9 | Width: 357 | AC adapter included: Yes | NB Family name: VivoBook Series | Units per Shipping Box: 1 | Unit Calculated Volume: 0.009615 | Unit Calculated Weight: 3

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