

**Notebook ASUS
VivoBook Series
Go 15 E1504FA-
BQ2644W CPU
Ryzen 5 7520U
2800 MHz 15.6
1920x1080 RAM
16GB LPDDR5
SSD 1TB AMD
Radeon
Graphics
Integrated ENG
Windows 11
Home Black 1.63
kg 90NB0ZR2-
M04AJ0**



Model: 90NB0ZR2-M04AJ0

Manufacturer: ASUS

EAN: 4711636201063

Product Code: 550107

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R17,848

Be productive as you Go

It's light. It's compact. It's the ASUS Vivobook Go 15, and it's designed to make you productive and keep you entertained wherever you go! With its 180° lay-flat hinge, physical webcam shield and loads of thoughtful design features — including a gorgeous OLED display — Vivobook Go 15 is the laptop that sets you free!

- Windows 11 Home 64-bit
- AMD Ryzen 5 7520U (2.8GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 16GB LPDDR5-SDRAM & 1000GB SSD

The devices referred to on this web page are the most highly-specified models available. Some models and configurations may not have an OLED display option. Please check the product specifications to ensure that the correct type of display is configured before purchasing in-store or online.

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. It is recommended that during heavy usage, the laptop lid is opened by more than 90°, in order to minimize any effects on OLED screen quality and longevity.

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Maximum RAM capacity may vary according to device configuration.

Maximum SSD capacity may vary according to device configuration.

Charges the battery to up to 60% within 49 minutes when the system is off or in Standby mode.

Power adapter with a minimum capacity of 45 watts is required. After charging has reached 60% capacity, charging will resume at normal rate. Charging time may vary +/-10% due to system tolerance.

Backlit keyboard and integrated fingerprint sensor are optional.

WiFi 6E is backwards-compatible with legacy 802.11 specs. Actual performance of WiFi 6E may vary in real-world situations.

The testing regime includes the requirements of both military-grade standards and ASUS quality tests, and varies depending on device. MIL-STD-810 testing is conducted on selected ASUS products only. Note that the MIL-STD-810 testing helps to ensure the quality of ASUS products but does not indicate a particular fitness for military use. The test is performed under laboratory conditions. Any damage caused by attempts to replicate these test conditions would be considered accidental, and would not be covered by the standard ASUS warranty. Additional coverage is available with ASUS Premium Care.

The screen-to-body ratio is calculated based on the visible body area of the display when the laptop is opened to 90° and the active display area.

Average test results: Delta-E 1.5, +/- 0.5. Over time, the Delta-E value of the display may change. It is recommended to recalibrate the color to ensure color accuracy.

Compared to average LCD displays in the market, measuring energy emission of blue light in between 415-455 nm wavelength.

Compared to average LCD laptop panel. Average LCD display has 10 ms response time.

This amendment defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 Medium Access Control layer (MAC) that enable at least one mode of operation capable of supporting at least four times improvement in the average throughput per station (measured at the MAC data service access point) in a dense deployment scenario, while maintaining or improving the power efficiency per station. For additional details visit:

<https://mentor.ieee.org/802.11/dcn/14/11-14-0165-01-0hew-802-11-hew-sg-proposed-par.docx>

802.11ax 2x2 160 MHz enables 2402 Mbps maximum theoretical data rate, ~3x faster than standard 802.11ac 2x2 80 MHz (867 Mbps) and nearly 6x faster than baseline 1x1ac (433 Mbps) Wi-Fi as documented in IEEE 802.11 wireless standard specifications, and require the use of similarly configured 802.11ax wireless network routers.

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“Up to 75% lower latency” is based on Intel simulation data of 802.11ax with and without OFDMA using 9 clients. Average latency without OFDM is 36 ms, with OFDMA average latency is reduced to 7.6 ms. Latency improvement requires that the AP and all clients support OFDMA.

Selected products are tested using enhanced military-grade MIL-STD-810H durability standards, with 12 test methods and 26 test procedures, to ensure extraordinary toughness. Based on ASUS internal market research using available information and testing reports from main laptop brand websites on Oct 28, 2022, ASUS consumer laptops use a regime consisting of 26 test procedures, which is the consumer laptop industry’s strictest and most extensive test regime for the MIL-STD-810H standard. Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.

All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.

PCB color and bundled software versions are subject to change without notice.

Brand and product names mentioned are trademarks of their respective companies.

The terms HDMI and HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

*¹The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec). ¹The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).

IPS stands for in-plane switching, a type of LED (a form of LCD) display panel technology.

Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

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U.S. and/or other countries.

Product specifications may differ from country to country. We recommend that you check with your local dealers for the specifications of the products available in your country. Colors of products may not be perfectly accurate due to variations caused by photography and monitor settings. Due to photographic variables and conditions, actual product appearance may differ from images shown on this site. Although we endeavor to present the most accurate and comprehensive information at the time of publication, we reserve the right to make changes without prior notice.

Price may not include extra fee, including tax□ shipping□ handling□ recycling fee.

For pricing information, ASUS is only entitled to set a recommendation resale price. All resellers are free to set their own price as they wish.

* Result from Mobile Mark 2014 office productivity.

Summary: ASUS Vivobook Go 15 E1504FA-BQ2644W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7520U, Processor frequency: 2.8 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: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Home. Product colour: Black | Vendor Homepage: <https://www.asus.com/laptops/for-home/vivobook/vivobook-go-15-oled-e1504f/> | L2 cache: 2 | L3 cache: 4 | Processor boost frequency: 4.3 | Processor cache type: L2 & L3 | Processor cores: 4 | Processor family: AMD Ryzen™ 5 | Processor frequency: 2.8 | Processor generation: AMD Ryzen 7000 Series | Processor manufacturer: AMD | Processor model: 7520U | Processor threads: 8 | Anti-glare screen: Yes | Colour gamut: 45 | Display brightness: 250 | Display diagonal: 15.6 | Display resolution: 1920 x 1080 | HD type: Full HD | LED backlight: Yes | Maximum refresh rate: 60 | Native aspect ratio: 16:9 | RGB colour space: NTSC | Touchscreen: No | Colour name: Mixed Black | Form factor: Clamshell | Housing material: Plastic | Market positioning: Home | Product colour: Black | Product type: Laptop | Internal memory: 16 | Internal memory type: LPDDR5-SDRAM | Maximum internal memory: 16 | Memory form factor: On-board | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD form factor: M.2 | SSD interface: PCI Express 3.0 | 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 | On-board graphics card model: AMD Radeon 610M | Audio system: SonicMaster | Built-in microphone: Yes | Front camera: Yes | Front camera HD type: HD | Front camera resolution: 1280 x 720 | Privacy camera: Yes | Privacy type: Privacy shutter | Antenna type:

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1x1 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet LAN: No | Mobile network connection: No |
Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Combo
headphone/mic port: Yes | HDMI ports quantity: 1 | HDMI version: 1.4 | Power adapter barrel
connector: 4.5 | USB 2.0 ports quantity: 1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB
3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity: 1 | Repairability index: 7.9 | Numeric keypad: Yes |
Pointing device: Touchpad | Operating system architecture: 64-bit | Operating system installed:
Windows 11 Home | 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 voltage: 19 | DC-in jack:
Yes | USB Power Delivery (USB PD): No | USB Type-C charging port: No | Password protection: Yes |
Password protection type: BIOS/User | Trusted Platform Module (TPM): Yes | Compliance certificates:
REACH | Sustainability certificates: ENERGY STAR | Sustainability compliance: Yes | Depth: 232.5 |
Height: 17.9 | Weight: 1630 | Width: 360.3 | AC adapter included: Yes | NB Family name: VivoBook
Series | Model name: Go 15 | Units per Pallet: 0 | Units per Shipping Box: 1 | Unit Calculated Volume:
0.009048 | Unit Calculated Weight: 2.57

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