**ComX Computers**
Product Specification Sheet

# X1504VAP-I58512BL4W

Asus VivoBook 15 X1504VAP Core Notebook Core 5 120U 5.0Ghz 8GB 512GB 15.6" FULL HD Intel Graphics BT Win 11 Home

## Product Overview

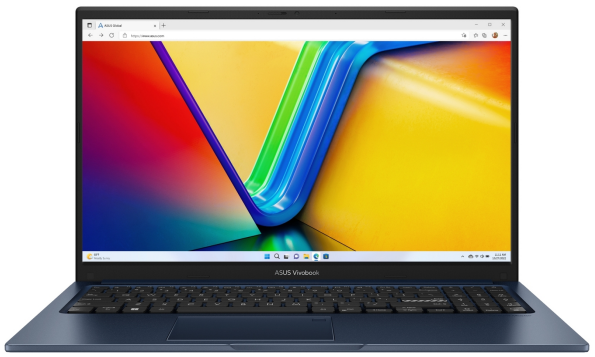
**Asus VivoBook 15 X1504VAP Series Core X1504VAP-I58512BL4W Blue Notebook, Intel Core 5 120U Ten (10) Core Raptor Lake Turbo Boost up to 5Ghz 12MB L3 Cache Processor (2 Perfomance Cores & 8 Efficient), 8GB DDR5-5600 Memory onboard, Supports 40GB Max Mem, 1 Memory slot, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive ( No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type IPS, 60Hz LED Backlit Display, Intel Graphics, 802.11ax Wi-Fi 6, Bluetooth, Webcam, 3 Cell Battery, Full Size Keyboard with Numpad, 1x USB 2.0 Type-A, 1x USB 3.2 Gen 1 Type-C, 2x USB 3.2 Gen 1 Type-A, HDMI output, 1.7 kg, Microsoft Windows 11 Home 64 bit, 1 Year Carry in warranty**













## Specifications

**Summary Overview:**

Upgrade your computing experience with the sleek Asus VivoBook 15 X1504VAP in a stylish Quiet Blue finish. Designed specifically for students, professionals, and home users in South Africa, this laptop combines robust performance from its Intel Core 5 processor with essential features like a clear Full HD display and fast SSD storage. Whether you are multitasking on assignments, streaming entertainment, or attending virtual meetings, the ergonomic design and long battery life ensure you stay productive throughout your day.

This machine is ready to handle your daily workflow with ease, featuring military-grade durability to withstand travel and a privacy shutter for secure video calls. With Windows 11 Home pre-installed and upgradeable memory options available, it offers the perfect balance of power and flexibility for modern computing needs. Don't wait to enhance your digital lifestyle; buy now and experience seamless performance tailored for you.

**Laptop performance tier:**Mid-range

**Uses:**Student work, professional tasks, home use, multitasking, streaming, online meetings

**Overview:**

**ASUS VivoBook 15 X1504VAP Overview**

The ASUS VivoBook 15 X1504VAP is a reliable and stylish laptop designed to handle everyday tasks with ease, making it an ideal companion for students, professionals, and home users alike. Equipped with the latest Intel Core 5 120U processor featuring ten cores, this machine delivers robust performance for multitasking, streaming, and productivity work without breaking a sweat. The sleek Quiet Blue finish not only looks modern but also ensures durability through rigorous military-grade testing standards.

Beyond raw power, the device prioritizes user comfort and privacy with thoughtful design elements like an 180-degree lay-flat hinge for easy collaboration and a physical webcam shield to protect your personal space. The included ASUS ErgoSense keyboard offers a precise typing experience, while the antimicrobial guard helps keep surfaces hygienic during daily use.

**Description**

The ASUS VivoBook 15 X1504VAP-I58512BL4W combines performance and portability in a single package. This blue notebook features an Intel Core 5 processor, 8GB of fast DDR5 memory, and a 512GB SSD for quick boot times. Users will appreciate the clear FHD display with low blue-light certification, long battery life with fast charging support, and comprehensive connectivity options including USB-C and HDMI. The laptop also includes MyASUS software tools for system management and AI noise-canceling technology for crystal-clear conference calls.

**Features:**

**Performance and Processing Power**

At the heart of this notebook lies the Intel Core 5 120U processor, a ten-core chip built on Raptor Lake architecture that balances efficiency with speed. With a base clock of 1.4 GHz and a turbo boost up to 5.0 GHz, it handles demanding applications smoothly. The system includes 8GB of onboard DDR5-5600 memory for snappy multitasking, which can be upgraded later using the single available SODIMM slot to support a maximum of 40GB. Storage is handled by a fast PCIe M.2 2280 SSD with 512GB capacity, ensuring your files and operating system load in seconds.

The laptop runs on Microsoft Windows 11 Home 64-bit, providing a familiar interface and modern security features like TPM firmware protection. For those who need to expand their setup, the device includes a USB-C port that supports data transfer speeds up to 5Gbps alongside multiple USB-A ports for legacy peripherals.

**Display and Visual Experience**

Visual clarity is a priority with this model, featuring a 15.6-inch Full HD IPS panel with a resolution of 1920 x 1080 pixels. The screen boasts an anti-glare surface to reduce eye strain during long sessions and meets TÜV Rheinland certification for low blue light emission. While the refresh rate is set at 60Hz, the wide viewing angles ensure colors remain accurate even when viewed from the side.

- Slim-bezel design with an 84% screen-to-body ratio
- Non-glossy anti-glare finish for reduced reflections
- Brightness levels reaching 250 nits for indoor visibility
- TÜV Rheinland certified to reduce eye fatigue

**Connectivity and Ports**

Staying connected is effortless thanks to a well-rounded selection of ports. The laptop supports Wi-Fi 6 (802.11ax) for high-speed wireless internet and includes Bluetooth 5.2 for connecting headphones or mice. You will find one USB 3.2 Gen 1 Type-C port, two USB 3.2 Gen 1 Type-A ports, a standard USB 2.0 Type-A port, an HDMI output for external monitors, and a combo audio jack.

- USB 2.0 Type-A (up to 480Mbps)
- USB 3.2 Gen 1 Type-C (up to 5Gbps)
- Two USB 3.2 Gen 1 Type-A ports
- HDMI 1.4 output for video projection
- 3.5mm combo audio jack

**Audio and Camera Features**

Communication is enhanced with advanced audio technology developed in collaboration with Dirac, delivering immersive sound through built-in speakers. The system includes AI noise-canceling capabilities that filter out background distractions during calls, ensuring your voice comes through clearly. For video conferencing, the front-facing 720p HD camera features ASUS 3D Noise Reduction to improve image clarity and a physical privacy shutter for security.

The audio experience is further elevated by an Audio Booster feature that can increase volume up to 1.5 times, making media consumption more enjoyable even in noisier environments.

**Battery Life and Power**

Staying powered throughout the day is made easier with a 3-cell lithium-ion battery rated at 42WHrs. The laptop supports fast charging technology, capable of reaching 60% charge in just under an hour, minimizing downtime when you are on the go. Please note that while the device includes a 45W AC adapter, it does not support USB-C Power Delivery for charging.

**Design and Build Quality**

The ASUS VivoBook 15 is crafted with durability in mind, meeting US MIL-STD-810H military-grade standards after undergoing extensive testing procedures. The chassis is constructed from durable plastic materials and comes in a charming Quiet Blue color that resists showing fingerprints. Weighing approximately 1.7 kg, it is light enough for one-handed carrying yet sturdy enough to withstand daily travel.

- Military-grade durability (US MIL-STD-810H)
- Slim profile measuring roughly 1.79 cm thick
- Lay-flat hinge allowing up to 180 degrees of opening
- ASUS ErgoSense keyboard with optimized key travel

### Software and Productivity Tools

The laptop comes pre-loaded with MyASUS, a central hub for managing system settings, updating drivers, and accessing features like battery health charging and fan profiles. Users also gain access to GlideX for seamless cross-device screen sharing and ScreenXpert for efficient window management across multiple displays.

Additionally, the device includes a 1-month trial for Microsoft 365 and a 30-day free trial of McAfee antivirus software to ensure your system is protected from threats right out of the box.

### What's in the box

- ASUS VivoBook 15 Laptop (X1504VAP-I58512BL4W)
- 45W AC Power Adapter with Cable
- User Manual and Warranty Card

This model is identified by the part number ASUS X1504VAP-I58512BL4W, which corresponds to the specific configuration of the Intel Core 5 processor and Quiet Blue finish.

### Specifications:

| | |
|---|---|
| **Model** | X1504VA / 90NB13Y1-M01X60 |
| **Marketing Name** | ASUS Vivobook 15 |
| **Operating System** | Windows 11 Home - ASUS recommends Windows 11 Pro for business |
| **LCD cover-material** | Plastic |
| **LCD cover-color** | Quiet Blue |
| **Top case-material** | Plastic |
| **Top case-color** | Quiet Blue |
| **Keyboard color** | Black |
| **Bottom case-material** | Plastic |
| **Bottom case-color** | Quiet Blue |
| **Military grade** | US MIL-STD 810H military-grade standard |
| **Touch Panel** | Non-touch screen |
| **Panel Size** | 15.6-inch |
| **Resolution** | FHD (1920 x 1080) 16:9 aspect ratio |
| **LED Backlit Unit** | LED Backlit |
| **IPS-level** | IPS-level Panel |
| **Refresh rate** | 60Hz |
| **Panel tech** | Non-OLED |
| **Brightness** | 250nits |
| **Color gamut** | 45% NTSC color gamut |
| **Surface texture of display** | Anti-glare(AG) display |
| **TÜV Rheinland-certified** | TÜV Rheinland-certified |
| **Screen-to-body ratio** | 84 % |
| **Processor** | Intel Core 5 Processor 120U 1.4 GHz (12MB Cache, up to 5.0 GHz, 10 cores, 12 Threads) |
| **Chipset** | N/A |
| **Discrete/Share** | Share |

| | |
|---|---|
| **Intergrated GPU** | Intel Graphics |
| **Expansion Slot(includes used)** | 1x DDR5 SO-DIMM slot |
| | 1x M.2 2280 PCIe 4.0x4 |
| **On board memory** | 8GB DDR5 on board |
| **Total System Memory** | DDR5 8GB |
| **Disclaimer for memory** | *Dual-channel memory support requires at least one SO-DIMM module. |
| **How to upgrade memory** | Upgradable , Need to remove bottom/top case |
| **Storage** | 512GB M.2 NVMe PCIe 4.0 SSD |
| **Front-facing camera** | 720p HD camera , With privacy shutter |
| **Wireless** | Wi-Fi 6(802.11ax) (Dual band) 1*1 + Bluetooth 5.2 Wireless Card (*Bluetooth version may change with OS version different.) |
| **Keyboard type** | Backlit Chiclet Keyboard with Num-key |
| **Touchpad** | Precision touchpad |
| **FingerPrint** | N/A |
| **I/O ports** | 1x USB 2.0 Type-A (data speed up to 480Mbps) |
| | 1x USB 3.2 Gen 1 Type-C (data speed up to 5Gbps) |
| | 2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) |
| | 1x HDMI 1.4 |
| | 1x 3.5mm Combo Audio Jack |
| | 1x DC-in |
| **Audio** | SonicMaster |
| | Built-in speaker |
| | Built-in array microphone |
| **Voice control** | N/A |
| **Charger included** | Included |
| **Power** | ø4.5, 45W AC Adapter, Output: 19V DC, 2.37A, 45W, Input: 100~240V AC 50/60Hz universal |
| **Required charging power** | Does not support USB-C PD charging |
| | *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher. |
| **Battery** | 42WHrs, 3S1P, 3-cell Li-ion |
| **Replaceable Battery** | No |
| **Weight (with Battery)** | 1.70 kg (3.75 lbs) |
| **Weight (without Battery)** | 1.50 kg (3.31 lbs) |
| **Dimension (W x H x D)** | 35.97 x 23.25 x 1.79 ~ 1.79 cm (14.16" x 9.15" x 0.70" ~ 0.70") |
| **Built-in Apps** | MyASUS |
| | ScreenXpert |
| | GlideX |

| | |
|---|---|
| **MyASUS feature** | System diagnosis |
| | Battery health charging |
| | Fan Profile |
| | Splendid |
| | Tru2Life |
| | Function key lock |
| | WiFi SmartConnect |
| | TaskFirst |
| | Live update |
| | AI Noise Canceling |
| **Office** | 1-month trial for new Microsoft 365 customers. Credit card required. |
| **Antivirus** | McAfee 30 days free trial |
| **Security** | McAfee |
| | Trusted Platform Module (Firmware TPM) |
| | BIOS Booting User Password Protection |
| **Ecolabels & Compliances** | EPEAT Silver |
| | RoHS |
| | REACH |
| **Reparability Index (for France)** | 8.9 |
| **Reparability Index (for BNL)** | 9.3 |

## FAQ

**Can I upgrade the RAM on this ASUS VivoBook?**

Yes, the laptop comes with 8GB of DDR5 memory onboard and includes one accessible memory slot that supports up to a maximum of 40GB total system memory.

**Does this model have a touchscreen or optical drive?**

No, this device features a non-touch 15.6-inch Full HD IPS display and does not include an internal CD/DVD optical drive.

**Is the battery replaceable by the user?**

No, the 3-cell Li-ion battery is built-in and cannot be replaced without disassembling the chassis.

**What connectivity options are available for peripherals?**

The notebook offers a comprehensive selection of ports including one USB 3.2 Type-C port, two USB 3.2 Type-A Gen 1 ports, one USB 2.0 Type-A port, an HDMI output, and a combo audio jack.

**Are there privacy features included for the webcam?**

Yes, the laptop is equipped with a physical webcam shield that slides over the lens to ensure visual privacy when not in use.

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://comx-computers.co.za/Buy-Notebooks-Laptops-X1504VAP-I58512BL4W-Asus-VivoBook-15-X1504VAP-Core-Notebook-lp-341972.php**

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