ComX Computers
Product Specification Sheet

X1504VAP-I516512BL4W

Asus VivoBook 15 X1504VAP Core Notebook Core 5 120U 5.0Ghz 16GB 512GB 15.6" FULL HD Intel Graphics BT Win 11 Home

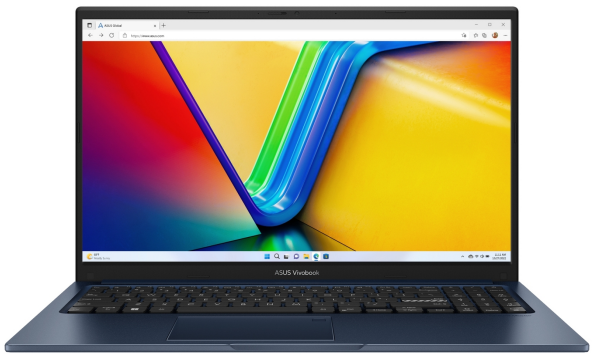
Product Overview

Asus VivoBook 15 X1504VAP Series Core X1504VAP-I516512BL4W 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), 16GB DDR5-5600 SO-Dimm Memory (1x8GB onboard,1x8GB), 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 ASUS VivoBook 15 X1504VAP, now available in South Africa. This sleek Quiet Blue notebook combines powerful performance with portability, featuring an Intel Core 5 processor and 16GB of fast DDR5 memory to handle multitasking effortlessly.

Designed for productivity on the go, it boasts a full HD display, long-lasting battery life, and military-grade durability. Whether you are studying, working remotely, or streaming entertainment, this laptop delivers reliable results. Buy now and secure your essential tool for getting things done with fast shipping across South Africa.

Laptop performance tier: Mid-range

Uses: Office work, online learning, multimedia viewing, web browsing, light photo editing

Overview:

ASUS VivoBook 15 X1504VAP Core Notebook Overview

The ASUS VivoBook 15 Series (Part Number ASUS X1504VAP-I51652BL4W) is designed to make every day special with a blend of performance, durability, and user-centric design. This essential tool for getting things done features an Intel Core 5 processor that delivers plenty of computing power for work, play, or entertainment tasks. The laptop combines speed with efficiency, utilizing fast DDR5 memory and a speedy SSD storage drive to ensure online content loads instantly. With comprehensive wireless connectivity including Wi-Fi 6, staying connected is seamless.

Description

This ASUS VivoBook 15 notebook offers a robust computing experience tailored for everyday productivity and entertainment. Powered by an Intel Core 5 processor with up to 5GHz Turbo Boost speed, it handles multitasking with ease alongside 16GB of DDR5-5600 memory. The device features a clear 15.6-inch Full HD IPS display that is TÜV Rheinland eye-care certified for reduced strain during long sessions. Enhanced audio capabilities from Dirac and ASUS Audio Booster ensure immersive sound, while the ErgoSense keyboard provides a comfortable typing experience with an optimal click ratio. Built to meet US MIL-STD-810H military-grade standards, this laptop ensures reliability for work or travel.

Features:

Performance and Processing Power

The heart of this machine is the Intel Core 5 Processor 120U, which features a hybrid architecture with 10 cores (2 Performance Cores & 8 Efficient Cores) and a massive 12MB L3 cache. This configuration allows for intelligent task management where performance cores handle heavy workloads while efficient cores manage background tasks to save power. The processor operates at a base speed of 1.4 GHz with the ability to Turbo Boost up to 5.0 GHz, ensuring that demanding applications run smoothly without lag.

Battery Life and Charging Speed

Vivobook 15 supports fast charging technology, allowing you to charge a low battery to 60% in as little as 49 minutes so you can get back up and running quickly. The system is equipped with a 3-cell Li-ion battery providing 42WHrs of power capacity. While the battery is not user-replaceable without opening the case, it offers reliable endurance for daily use.

Display Quality and Visuals

The laptop features a 15.6-inch Full HD (1920 x 1080) non-gloss IPS panel with a 60Hz refresh rate, delivering beautifully clear visuals. The three-sided slim-bezel NanoEdge display offers an impressive 84% screen-to-body ratio for a modern look. TÜV Rheinland eye-care certification ensures low blue-light levels to reduce the risk of eye strain during extended viewing sessions. The anti-glare surface texture further enhances visibility in bright environments.

Audio and Communication Features

Designed with help from audio experts at Dirac, this laptop delivers a balanced sound experience enhanced by ASUS Audio Booster which can boost volume up to 1.5x. For remote work and video conferencing, the device includes ASUS AI Noise-Canceling Technology that employs machine learning to isolate unwanted noise from human speech. The system supports both single-presenter and multi-presenter conference modes via the MyASUS app, optimizing audio from various directions. Additionally, ASUS 3DNR technology significantly upgrades webcam image clarity for clearer calls.

Design and Ergonomics

The ASUS ErgoSense keyboard is engineered for comfort with optimum key bounce and travel calculated with fine-tuned precision to achieve a natural feel. The laptop includes a physical webcam shield that slides over the camera for instant privacy protection. It features a lay-flat hinge design, allowing the screen to open 180 degrees for easy content sharing or collaboration. Available in charming Quiet Blue, the device is slim enough to fit unobtrusively into any backpack and weighs just 1.7 kg for one-handed carrying.

Connectivity and Ports

The laptop keeps you fully connected with a comprehensive range of I/O ports including USB Type-C, USB Type-A, HDMI, and an audio combo jack. This setup makes it easy to connect existing peripherals, displays, and projectors without needing dongles.

- 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 power connector

Durability and Reliability

ASUS laptops are engineered with extraordinary toughness to meet the exacting US MIL-STD-810H military-grade standard. The device undergoes 12 rigorous test methods and 26 punishing test procedures that exceed industry standards, ensuring reliability for work, travel, or relaxation. This inherent durability benefits longevity and sustainability, giving you confidence in your investment.

Software and Productivity Tools

The MyASUS software hub provides easy access to tools designed to maintain the system, update software, optimize performance, and contact support. Included apps like GlideX offer cross-device screen sharing with Mirror and Extend features, allowing you to use a single mouse and keyboard to control different devices across operating systems. ScreenXpert helps manage app windows across displays for full workflow control.

- System diagnosis
- Battery health charging
- Fan Profile settings
- Splendid display mode
- Tru2Life video enhancement
- Function key lock

- WiFi SmartConnect
- TaskFirst automation
- Live update service
- AI Noise Canceling configuration

Storage and Memory Specifications

The system comes with 16GB of DDR5-5600 SO-DIMM memory, configured as 8GB onboard plus an additional 8GB module. It supports up to a maximum of 40GB total memory via one available expansion slot. Storage is handled by a 512GB SSD on a PCIe M.2 2280 slot, providing fast data access and boot times.

- Total System Memory: DDR5 16GB
- On board memory: 8GB DDR5
- DIMM Memory: 8GB DDR5 SO-DIMM (included)
- Expansion Slot: 1x DDR5 SO-DIMM slot available for upgrade
- Storage Type: 512GB M.2 NVMe PCIe 4.0 SSD

Wireless and Security

The device is equipped with Wi-Fi 6 (802.11ax) dual-band wireless and Bluetooth 5.2 for fast and stable connections. Security features include a Trusted Platform Module (TPM), BIOS booting user password protection, and McAfee antivirus software included as a trial. Windows Hello support via the fingerprint sensor in the touchpad allows for secure one-touch unlocking.

What's in the box

- ASUS VivoBook 15 Laptop (Quiet Blue)
- 45W AC Adapter (19V DC, 2.37A)
- User Manual and Warranty Card

System Specifications Summary

- Model: X1652DA / ASUS X1504VAP-I516512BL4W
- Marketing Name: ASUS Vivobook 15
- Operating System: Windows 11 Home (ASUS recommends Windows 11 Pro for business)
- Processor: Intel Core 5 Processor 120U (1.4 GHz, up to 5.0 GHz, 10 cores, 12 threads)
- Display: 15.6-inch FHD (1920 x 1080) IPS Non-touch Anti-glare
- Brightness: 250nits with 45% NTSC color gamut
- Graphics: Intel Graphics (Integrated)
- Keyboard: Backlit Chiclet Keyboard with Num-key
- Weight: 1.70 kg (with battery) / 1.50 kg (without battery)
- Dimensions: 35.97 x 23.25 x 1.79 cm (14.16" x 9.15" x 0.70")
- Color: Quiet Blue with Black keyboard

Specifications:

Model	X1652DA / 90NB1A01-M000L0
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
DIMM Memory	8GB DDR5 SO-DIMM
Total System Memory	DDR5 16GB
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
	SonicMaster
Audio	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 memory on this laptop?

The Asus VivoBook 15 X1504VAP comes with 16GB DDR5-5600 RAM (8GB onboard plus one 8GB module), and it includes one accessible SODIMM slot for expansion up to a maximum of 40GB.

Does this notebook support fast charging?

Yes, the device supports fast charging, allowing you to recharge a low battery to 60% in approximately 49 minutes so you can get back to work quickly.

Is the webcam protected for privacy?

Absolutely; this model features a physical webcam shield that slides over the lens to block prying eyes, ensuring your security during video calls or when not in use.

What are the connectivity options available on this device?

The laptop offers comprehensive ports including one USB 3.2 Gen 1 Type-C port, two USB 3.2 Gen 1 Type-A ports, a USB 2.0 Type-A port, an HDMI output, and a combo audio jack for connecting peripherals.

Is the screen suitable for long viewing sessions?

The 15.6" Full HD IPS display is TÜV Rheinland certified for low blue-light levels to reduce eye strain, features an anti-glare surface, and allows for a 180 degrees lay-flat hinge position for easier sharing.

Product Information Online

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

Product page:
https://www.comx-computers.co.za/Buy-Notebooks-Laptops-X1504VAP-I516512BL4W-Asus-VivoBook-15-X1504VAP-Core-Notebook-Ip-342068.php

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