

## ASUS Vivobook 15 (X1504)

Overview :

13th Gen Intel Overview

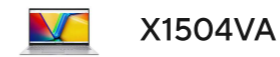
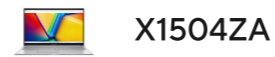
Tech Specs

Review

Support



Model	X1504ZA	X1504VA
Color	Quiet Blue Cool Silver Terra Cotta	Quiet Blue Cool Silver Terra Cotta
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business Windows 11 Home in S Mode - ASUS recommends Windows 11 Pro for business No preinstalled OS Windows 11 Pro - ASUS recommends Windows 11 Pro for business Windows 11 Pro Education *Some devices for academic use will automatically be updated to Windows 11 Pro Education with the Windows 11 Anniversary Update. Features vary; see <a href="https://aka.ms/ProEducation">https://aka.ms/ProEducation</a> for Windows 11 Pro Education feature information.	Windows 11 Home - ASUS recommends Windows 11 Pro for business No preinstalled OS
Processor	Intel®Core™ i3-1215U Processor 1.2 GHz (10M Cache, up to 4.4 GHz, 6 cores) Intel®Core™ i7-1255U Processor 1.7 GHz (12M Cache, up to 4.7 GHz, 10 cores) Intel®Core™ i5-1235U Processor 1.3 GHz (12M Cache, up to 4.4 GHz, 10 cores)	Intel® Core™ i5-1335U Processor 1.3 GHz (12MB Cache, up to 4.6 GHz, 10 cores, 12 Threads) Intel® Core™ i7-1355U Processor 1.7 GHz (12MB Cache, up to 5.0 GHz, 10 cores, 12 Threads) Intel® Core™ i3-1315U Processor 1.2 GHz (10MB Cache, up to 4.5 GHz, 6 cores, 8 Threads)
Graphics	Intel® UHD Graphics *Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory. Intel Iris X® Graphics *Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.	Intel® UHD Graphics *Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory. Intel Iris X® Graphics *Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.
Display	15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)84% 15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, IPS-level Panel, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)84% 15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, IPS-level Panel, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Touch screen, (Screen-to-body ratio)84%	15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, IPS-level Panel, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)84% 15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, IPS-level Panel, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Touch screen, (Screen-to-body ratio)84% 15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, LED Backlit, 60Hz refresh rate, 250nits, 45% NTSC color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)84%
Memory	8GB DDR4 on board Total system memory upgradeable to:16GB *Dual-channel memory support requires at least one SO-DIMM module. 4GB DDR4 on board Total system memory upgradeable to:12GB *Dual-channel memory support requires at least one SO-DIMM module. 8GB DDR4 on board 8GB DDR4 SO-DIMM Total system memory upgradeable to:16GB *Dual-channel memory support requires at least one SO-DIMM module. 4GB DDR4 on board 4GB DDR4 SO-DIMM Total system memory upgradeable to:12GB *Dual-channel memory support requires at least one SO-DIMM module.	8GB DDR4 on board Total system memory upgradeable to:16GB *Dual-channel memory support requires at least one SO-DIMM module. 8GB DDR4 on board 8GB DDR4 SO-DIMM Total system memory upgradeable to:16GB *Dual-channel memory support requires at least one SO-DIMM module. 4GB DDR4 on board Total system memory upgradeable to:12GB *Dual-channel memory support requires at least one SO-DIMM module. 4GB DDR4 on board 4GB DDR4 SO-DIMM Total system memory upgradeable to:12GB *Dual-channel memory support requires at least one SO-DIMM module. 8GB DDR4 on board 4GB DDR4 SO-DIMM Total system memory upgradeable to:16GB *Dual-channel memory support requires at least one SO-DIMM module.
Storage	256GB M.2 NVMe™ PCIe® 3.0 SSD 512GB M.2 NVMe™ PCIe® 3.0 SSD 128GB M.2 NVMe™ PCIe® 3.0 SSD 1TB M.2 NVMe™ PCIe® 3.0 SSD 512GB M.2 NVMe™ PCIe® 4.0 SSD	512GB M.2 NVMe™ PCIe® 3.0 SSD 1TB M.2 NVMe™ PCIe® 3.0 SSD 256GB M.2 NVMe™ PCIe® 4.0 SSD 512GB M.2 NVMe™ PCIe® 4.0 SSD
Expansion Slots (includes used)	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4
I/O Ports	1x USB 2.0 Type-A 1x USB 3.2 Gen 1 Type-C 2x USB 3.2 Gen 1 Type-A 1x HDMI 1.4 1x DC-in	1x USB 2.0 Type-A 1x USB 3.2 Gen 1 Type-C 2x USB 3.2 Gen 1 Type-A 1x HDMI 1.4 1x 3.5mm Combo Audio Jack 1x DC-in
Keyboard & Touchpad	Backlit Chiclet Keyboard, 1.4mm Key-travel, Precision Touchpad	Backlit Chiclet Keyboard, 1.4mm Key-travel, Precision Touchpad



<b>Audio</b>	SonicMaster Built-in speaker Built-in array microphone with Cortana voice-recognition support	SonicMaster Built-in speaker Built-in array microphone with Cortana voice-recognition support
<b>Network and Communication</b>	Wi-Fi 6E(802.11ax) (Dual band) 1*1 + Bluetooth® 5.3 Wireless Card Wi-Fi 5(802.11ac) (Dual band) 1*1 + Bluetooth® 5.1 Wireless Card	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Wi-Fi 5(802.11ac) (Dual band) 1*1 + Bluetooth® 5.1 Wireless Card Wi-Fi 6(802.11ax) (Dual band) 1*1 + Bluetooth® 5.2 Wireless Card
<b>Battery</b>	42WHrs, 351P, 3-cell Li-ion	42WHrs, 351P, 3-cell Li-ion
<b>Power Supply</b>	ø4.5, 45W AC Adapter, Output: 19V DC, 2.37A, 45W, Input: 100~240V AC 50/60Hz universal 45W AC Adapter (included with ADL U series Processor)	ø4.5, 45W AC Adapter, Output: 19V DC, 2.37A, 45W, Input: 100~240V AC 50/60Hz universal
<b>Weight</b>	1.70 kg (3.75 lbs)	1.70 kg (3.75 lbs)
<b>Dimensions (W x D x H)</b>	35.97 x 23.25 x 1.79 ~ 1.79 cm (14.16" x 9.15" x 0.70" ~ 0.70")	35.97 x 23.25 x 1.79 ~ 1.79 cm (14.16" x 9.15" x 0.70" ~ 0.70")
<b>Built-in Apps</b>	MyASUS ScreenXpert GlideX	MyASUS ScreenXpert GlideX
<b>MyASUS Features</b>	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update AI Noise Canceling	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update AI Noise Canceling
<b>ASUS Exclusive technology</b>	ASUS Antimicrobial Guard Plus	ASUS Antimicrobial Guard Plus
<b>Microsoft Office</b>	1-month trial for new Microsoft 365 customers. Credit card required. Microsoft Office Home & Student 2021 WPS Office Standard Edition (With license for 3 products) Microsoft Office Home & Business 2021	1-month trial for new Microsoft 365 customers. Credit card required. Microsoft Office Home & Student 2021
<b>Military Grade</b>	US MIL-STD 810H military-grade standard	US MIL-STD 810H military-grade standard
<b>Ecolabels &amp; Compliances</b>	Energy star 8.0 RoHS REACH	Energy star 8.0 RoHS REACH
<b>Security</b>	BIOS Booting User Password Protection Trusted Platform Module (Firmware TPM) BIOS setup user password McAfee® LiveSafe™ Fingerprint sensor integrated with Touchpad	BIOS Booting User Password Protection Trusted Platform Module (Firmware TPM) BIOS setup user password McAfee® LiveSafe™ Fingerprint sensor integrated with Touchpad
<b>Included in the Box</b>	Wired optical mouse (USB) Backpack * Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.	Wired optical mouse (USB) Backpack * Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.



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- 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.

\*The 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).<sup>†</sup>The 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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