ASUS Vivobook 15 X1504ZA-NJ194W Intel® Core™ i7 i7-1255U Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: Vivobook

Product code: 90NB1022-M01740

Product name : X1504ZA-NJ194W

- Windows 11 Home
- Intel Core i7-1255U Processor
- 16 GB DDR4 memory
- 512 GB PCIe 3.0 SSD storage
- Treated with ASUS Antimicrobial Guard Plus
- ASUS webcam shield for instant privacy
- 180° lay-flat hinge for diverse usage
- Stringently tested to US Military-grade durability
Intel Core i7-1255U (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

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Make every day your day
Turn everyday tasks into something special with Vivobook 15, your essential tool for getting things done easier, anywhere. It's completely user-friendly too, with its 180° lay-flat hinge and physical webcam shield. ASUS Antimicrobial Guard Plus protects frequently-touched surfaces from harmful bacteria, safeguarding your health. Make all your days more enjoyable with Vivobook 15!
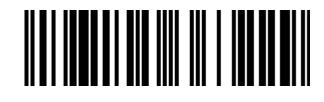
Design

Colour name	Cool Silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Home
Introduction year	2023
Country of origin	China

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	250 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1255U
Processor cores	10
Processor boost frequency	4.7 GHz
Performance cores	2

Camera

Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	1x1
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 2.0 ports quantity *	1
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 *	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✔
Charging port type	DC-in jack
Power adapter barrel connector	4.5 mm

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Processor

Efficient cores	8
Performance-core Max Turbo Frequency	4.7 GHz
Efficient-core Max Turbo Frequency	3.5 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory form factor	On-board + SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 3.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio system	SonicMaster
Built-in microphone	✓

Camera

Front camera	✓

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers.
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	42 Wh

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	2.37 A
AC adapter output voltage	19 V

Security

Fingerprint reader	✗
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Certificates

Compliance certificates	RoHS, REACH

Sustainability

Sustainability compliance	✓
Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	359.7 mm
Depth	232.5 mm
Height	17.9 mm
Weight *	1.7 kg

Packaging data

Package width	65 mm
Package depth	481 mm
Package height	288 mm
Package weight	2.25 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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