

## ASUS VivoBook 16X K3605ZF 12th Gen Intel Core i5 12500H 8GB RAM, 512GB SSD 16 Inch FHD+ WUXGA Display Indie Black Laptop

Sale Price: 1.0



PRODUCT ID: 00646

### — Processor

Processor Brand	Intel
Processor Model	Core i5-12500H
Generation	12th Gen
Processor Frequency	2.5GHz up to 4.5GHz
Processor Core	4P+8E cores
Processor Thread	16
CPU Cache	18 MB Intel Smart Cache

### Display

Display Size	16-Inch
Display Type	IPS
Display Resolution	WUXGA ( 1920 x 1200 )
Refresh Rate	144Hz
Display Features	Aspect Ratio: 16:10 LED Backlit Anti-glare display TÜV Rheinland-certified Screen-to-body ratio: 86% Color Gamut: 45% NTSC Brightness: 300nits

### Memory

RAM	8GB Onboard
RAM Type	DDR4
Total RAM Slot	1x DDR4 SO-DIMM slot

## Processor

## Storage

Storage Type	M.2 NVMe PCIe 4.0 SSD
Storage Capacity	512GB
Extra M.2 Slot	N/A
Supported SSD Type	1x M.2 2280 PCIe 4.0x4

## Graphics

Graphics Model	NVIDIA GeForce RTX 2050
Graphics Memory	4GB
Graphics Type	GDDR6

## Keyboard & TouchPad

Keyboard Type	Backlit Keyboard
Keyboard Features	NumberPad: Yes
TouchPad	Precision Touchpad

## Camera & Audio

WebCam	HD Camera
Speaker	Yes
Microphone	Yes
Audio Features	SonicMaster With Cortana support

## Ports & Slots

HDMI Port	1xHDMI
USB 3 Port	2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps)
USB Type-C / Thunderbolt Port	1x USB 3.2 Gen 1 Type-C with support for power delivery (data speed up to 5Gbps)
Headphone & Microphone Port	1x 3.5 combo audio jack

## Network & Connectivity

WiFi	WiFi 6E
Bluetooth	Bluetooth 5.3

## Security

Fingerprint Sensor	Yes
Camera Privacy Shutter	Yes

## Processor

Security Chip

Trusted Platform Module (Firmware TPM)

## Software

Operating System

No preinstalled OS

Other Pre-installed Softwares

Bundled Software

Built-in Apps:

MyASUS

ProArt Creator Hub

ScreenXpert

GlideX

Adobe Creative Cloud Hard Bundle:

One-Month Membership of Adobe Creative Cloud All Apps, Individual.

The redemption duration from September 15, 2021 to August 31, 2025.

## Power

Battery Type

3 Cell

Battery Capacity

50Whrs

Adapter Type

ø4.5, 120W AC Adapter

Output: 20V DC, 6A, 120W

Input: 100~240V AC 50/60Hz universal

## Physical Specification

Color

Indie Black

Dimensions

35.86 x 24.91 x 1.89 ~ 1.89 cm  
(14.12" x 9.81" x 0.74" ~ 0.74")

Weight

With Battery: 1.80 kg (3.97 lbs)

Without Battery: 1.67 kg (3.68 lbs)

Body Material

LCD cover-material: Aluminum

Top case-material: Plastic

Bottom case-material: Plastic

## Other Features

## Processor

### Other Features

### Certification

### Ecolabels & Compliances:

EPEAT Silver

Energy star 8.0

RoHS

REACH

TÜV Rheinland-certified

Military-grade: US MIL-STD 810H military-grade standard

### Special Features

System diagnosis

Battery health charging

Fan Profile

Splendid

Tru2Life

Function key lock

WiFi SmartConnect

Link to MyASUS

TaskFirst

Live update

ASUS OLED Care

AI Noise Canceling

## Warranty

### Warranty Details

02 years International Limited Warranty (Battery 1 year)