

Model	X1605VA / 90NB10N3-M02MY0
Marketing Name	ASUS Vivobook 16
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Indie Black
Top case-material	Plastic
Top case-color	Indie Black
Keyboard color	Black
Bottom case-material	Plastic
Bottom case-color	Indie Black
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Non-touch screen
Panel Size	16.0-inch
Resolution	FHD (1920 x 1200) OLED 16:10 aspect ratio
LED Backlit Unit	LED Backlit
Response time	0.2ms response time
Refresh rate	60Hz refresh rate
Brightness	300nits
Color gamut	95% DCI-P3 color gamut
Contrast ratio	1,000,000:1
Color depth	1.07 billion colors
Glare	Glossy display
Low blue light	70% less harmful blue light
TÜV Rheinland-certified	TÜV Rheinland-certified
Screen-to-body ratio	86%
Processor	Intel® Core™ i7-13620H Processor 2.4 GHz (24MB Cache, up to 4.9 GHz, 10 cores, 16 Threads)

Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® UHD Graphics
Disclaimer for Intel Iris Xe	*Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors with up to 80 graphics execution units (EUs) and dual-channel memory.
Expansion Slot(includes used)	1x DDR4 SO-DIMM slot 1x M.2 2280 PCIe 3.0x4
On board memory	8GB DDR4 on board
DIMM Memory	8GB DDR4 SO-DIMM
Total System Memory	DDR4 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	1TB M.2 NVMe™ PCIe® 4.0 SSD
Front-facing camera	720p HD camera ; With privacy shutter
Wireless	Wi-Fi 6E(802.11ax) (Triple band) 1*1 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
Keyboard type	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 with support for power delivery (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	with Cortana voice-recognition support
Power	ø4.5, 65W AC Adapter, Output: 19V DC, 3.42A, 65W, Input: 100~240V AC 50/60Hz universal
Battery	50WHrs, 3S1P, 3-cell Li-ion
Replaceable Battery	No
Dimension (W x H x D)	35.87 x 24.95 x 1.99 ~ 1.99 cm (14.12" x 9.82" x 0.78" ~ 0.78")

Weight (with Battery)	1.88 kg (4.14 lbs)
Weight (without Battery)	1.68 kg (3.70 lbs)
Antivirus	McAfee® 30 days free trial
Security	McAfee® BIOS Booting User Password Protection Trusted Platform Module (Firmware TPM)
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect TaskFirst Live update AI Noise Canceling
Built-in Apps	MyASUS ScreenXpert GlideX
Ecolabels & Compliances	EPEAT Silver Energy star 8.0 RoHS REACH
Reparability Index (for France)	9.4