



Part No	90NB13W2-M00U20
Sales Model Name	X1605VA-SH2809W
EAN Code	4711636626620
UPC Code	199291626621
WEEE	1.68
BASE UNIT	VSNB13W2-BU310C
Marketing Name	ASUS Vivobook 16
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business
LCD cover-material	Plastic
LCD cover-color	Cool Silver
Top case-material	Plastic
Top case-color	Cool Silver
Keyboard color	Black
Bottom case-material	Plastic
Bottom case-color	Silver
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
Panel tech	OLED
Brightness	300nits
Color gamut	95% DCI-P3 color gamut
Contrast ratio	1,000,000:1
Color depth	1.07 billion colors
Surface texture of display	N/A
Low blue light	70% less harmful blue light
TÜV Rheinland-certified	TÜV Rheinland-certified
Screen-to-body ratio	86%
Processor	Intel® Core™ 9 Processor 270H 2.7 GHz (24MB Cache, up to 5.8 GHz, 14 cores, 20 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® 5.4 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 (data speed up to 5Gbps) 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
Audio	SonicMaster Built-in speaker Built-in microphone
Voice control	N/A
Charger included	Included
Power	TYPE-C, 68W AC Adapter, Output: 20V DC, 3.4A, 68W, Input: 100~240V AC 50/60Hz universal
Required charging power	Min: 45W Max: 68W
Battery	50WHrs, 3S1P, 3-cell Li-ion
Replaceable Battery	No
Weight (with Battery)	1.88 kg (4.14 lbs)
Weight (without Battery)	1.68 kg (3.70 lbs)
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")
Built-in Apps	MyASUS
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect TaskFirst Live update
Exclusive subscription offers	3-Month Google AI Plus Subscription 3-Month GoPro Premium+ Subscription 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2028. N/A 6-Month Dropbox 500GB Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. Go to asus.com/offer for details.
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	McAfee® 30 days free trial
Security	Fingerprint sensor integrated with Touchpad McAfee® Trusted Platform Module (Firmware TPM) BIOS Booting User Password Protection
Ecolabels & Compliances	EPEAT Silver Energy star 8.0 RoHS REACH
Reparability Index (for France)	8.9