


Part No	90NB15F2-M00A50
	
Sales Model Name	M1607KA-MB145W
EAN Code	4711636140690
UPC Code	199291140691
WEEE	1.69
BASE UNIT	VSNB15F2-BU1105
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	Gray
Bottom case-material	Plastic
Bottom case-color	Light Gray
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Non-touch screen
Panel Size	16.0-inch
Resolution	WUXGA (1920 x 1200) 16:10 aspect ratio
LED Backlit Unit	LED Backlit
IPS-level	IPS-level Panel
Response time	
Refresh rate	60Hz
Brightness	300nits
Peak Brightness	
Color gamut	45% NTSC color gamut
Contrast ratio	
VESA CERTIFIED	
Display HDR	
Color depth	
Surface texture of display	Anti-glare(AG) display
Low blue light	
TÜV Rheinland-certified	
SGS Eye Care Display	
Screen-to-body ratio	89%

Processor	AMD Ryzen™ AI 5 330 Processor 2.0GHz (12MB Cache, up to 4.5GHz, 4 cores, 8 Threads) AMD XDNA™ NPU up to 50TOPS
Chipset	N/A
Intergrated GPU	AMD Radeon™ Graphics
Discrete/Share	Share
Neural Processor	AMD XDNA™ NPU up to 50TOPS
Expansion Slot(includes used)	1x DDR5 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4
On board memory	16GB DDR5 on board
Total System Memory	DDR5 16GB
Disclaimer for memory	*Dual-channel memory support requires at least one SO-DIMM module.
How to upgrade memory	
Storage	512GB M.2 NVMe™ PCIe® 4.0 SSD
Front-facing camera	FHD camera with IR function to support Windows Hello With privacy shutter
on board Wireless	
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + 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	2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) 2x USB 3.2 Gen 1 Type-C with support for display / power delivery (data speed up to 5Gbps) 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack
Audio	SonicMaster Built-in speaker Built-in array microphone
Voice control	N/A
Power	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal
Charger included	Included
Required charging power	Min: 45W Max: 65W
Battery	70WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No

Weight (without Battery)	1.75 kg (3.86 lbs)
Weight (with Battery)	1.89 kg (4.17 lbs)
Dimension (W x H x D)	35.70 x 25.06 x 1.79 ~ 1.99 cm (14.06" x 9.87" x 0.70" ~ 0.78")
Built-in Apps	StoryCube MyASUS ScreenXpert GlideX
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect TaskFirst Live update AI Noise Canceling
Exclusive subscription offers	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, 2026. 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. See promotion pages for details.
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	McAfee® 30 days free trial
Security	IR webcam with Windows Hello support McAfee® BIOS Booting User Password Protection Microsoft Pluton security processor Trusted Platform Module (Firmware TPM)
Ecolabels & Compliances	Energy star RoHS REACH
Reparability Index (for France)	9.2

