



Part No	90NB15A2-M00N50
Sales Model Name	X1607CA-DRMB297W
EAN Code	4711636466301
UPC Code	199291466302
BASE UNIT	VSNB15A2-BU1130
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	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
Refresh rate	60Hz
Brightness	300nits
Color gamut	45% NTSC color gamut
Surface texture of display	Anti-glare display
Screen-to-body ratio	89%
Processor	Intel® Core™ Ultra 7 Processor 255H 2.0 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 13TOPS
Chipset	N/A
Discrete/Share	Share
Intergrated GPU	Intel® Graphics
Disclaimer for Intel Iris Xe	*Intel® Arc™ Graphics is only available in models with Intel® Core™ Ultra 9-185H/ Ultra 7-155H/ Ultra 5-125H processors and at least 16 GB of dual-channel memory.
Neural Processor	Intel® AI Boost NPU up to 13TOPS
Expansion Slot(includes used)	1x DDR5 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4
On board memory	16GB DDR5 on board

DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 32GB
Disclaimer for memory	*Dual-channel memory support requires at least one SO-DIMM module.
Storage	1TB M.2 NVMe™ PCIe® 4.0 SSD
Front-facing camera	FHD camera with IR function to support Windows Hello ; With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 1*1 + Bluetooth® 5.2 Wireless Card (*Bluetooth® version may change with OS version different.)
Keyboard type	Backlit 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 1.4 1x 3.5mm Combo Audio Jack
Audio	SonicMaster Built-in speaker Built-in array microphone
Voice control	N/A
Power	N/A
Required charging power	Min: 45W Max: 65W
Battery	42WHrs, 3S1P, 3-cell Li-ion
Replaceable Battery	No
Weight (with Battery)	1.88 kg (4.14 lbs)
Weight (without Battery)	1.70 kg (3.75 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	MyASUS ScreenXpert GlideX
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect TaskFirst Live update AI Noise Canceling
Content for GoPro free subscription	3-Month GoPro Premium+ 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 Trusted Platform Module (Firmware TPM)
Adobe Creative Cloud Hard Bundle	1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026.
Ecolabels & Compliances	EPEAT Silver Energy star RoHS REACH
Reparability Index (for France)	9.1
Reparability Index (for BNL)	9.1

