


Part No	90NB15Z1-M00570
	
Sales Model Name	X1607QA-MB005W
EAN Code	4711387864074
UPC Code	197105864078
WEEE	1.37
BASE UNIT	VSNB15Z1-BU1100
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	Quiet Blue
Top case-material	Plastic
Top case-color	Quiet Blue
Keyboard color	Gray
Bottom case-material	Plastic
Bottom case-color	Quiet Blue
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 refresh rate
Brightness	300nits
Peak Brightness	
Color gamut	45% NTSC color gamut
Gamut mapping	
Contrast ratio	
VESA CERTIFIED	
Display HDR	
Color depth	
Pantone	
Glare	Anti-glare display
Low blue light	
TÜV Rheinland-certified	

<b>SGS Eye Care Display</b>	
<b>Screen-to-body ratio</b>	89%
<b>Stylus support</b>	
<b>Processor</b>	Snapdragon® X X1 26 100 Processor (30MB Cache, up to 2.97GHz, 8 cores, 8 Threads) Qualcomm® Hexagon™ NPU up to 45TOPS
<b>Chipset</b>	N/A
<b>Integrated GPU</b>	Qualcomm® Adreno™ GPU
<b>Discrete/Share Graphics</b>	Share
<b>Disclaimer for Intel Iris Xe</b>	
<b>Graphic Memory</b>	
<b>Neural Processor</b>	Qualcomm® Hexagon™ NPU up to 45TOPS
<b>Expansion Slot(includes used)</b>	1x M.2 2280 PCIe 4.0x4
<b>On board memory</b>	16GB LPDDR5X on board
<b>DIMM Memory</b>	
<b>Total System Memory</b>	LPDDR5X 16GB
<b>Disclaimer for memory</b>	
<b>How to upgrade memory</b>	
<b>Storage</b>	512GB M.2 NVMe™ PCIe® 4.0 SSD
<b>Front-facing camera</b>	FHD camera with IR function to support Windows Hello With privacy shutter
<b>on board Wireless</b>	
<b>Wireless</b>	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
<b>Keyboard type</b>	Chiclet Keyboard with Num-key With Copilot key *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: <a href="https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq">https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq</a>
<b>Touchpad</b>	Precision touchpad

<b>FingerPrint</b>	N/A
<b>I/O ports</b>	2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) 2x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps) 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack
<b>Audio</b>	SonicMaster Smart Amp Technology Built-in speaker Built-in array microphone
<b>Voice control</b>	N/A
<b>Power</b>	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal
<b>Battery</b>	50WHrs, 3S1P, 3-cell Li-ion
<b>Replaceable Battery</b>	No
<b>Dimension (W x H x D)</b>	35.70 x 25.06 x 1.79 ~ 1.99 cm (14.06" x 9.87" x 0.70" ~ 0.78")
<b>Weight (with Battery)</b>	1.88 kg (4.14 lbs)
<b>Weight (without Battery)</b>	1.57 kg (3.46 lbs)
<b>Antivirus</b>	McAfee® 30 days free trial
<b>Security</b>	IR webcam with Windows Hello support McAfee® BIOS Booting User Password Protection BIOS setup user password Microsoft Pluton security processor Trusted Platform Module (Firmware TPM)
<b>MyASUS feature</b>	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update AI Noise Canceling
<b>Built-in Apps</b>	StoryCube MyASUS ScreenXpert GlideX

<b>Adobe Creative Cloud Hard Bundle</b>	One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.
<b>Included in the Box</b>	
<b>Ecolabels &amp; Compliances</b>	Energy star 8.0 RoHS REACH
<b>Reparability Index (for France)</b>	9.4