ASUS

Part No	**90NB17Y1-M00190**
Sales Model Name	**M1807GA-S8003W**
EAN Code	**4711636371759**
UPC Code	**199291371750**
WEEE	**2.2**
BASE UNIT	**VSNB17Y1-BU1200**
Marketing Name	**ASUS Vivobook 18**
Operating System	**Windows 11 Home - ASUS recommends Windows 11 Pro for business**
LCD cover-material	**Plastic**
LCD cover-color	**Quiet Blue**
Top case-material	**Plastic**
Top case-color	**Quiet Blue**
Keyboard color	**Black**
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	**18.0-inch**
Resolution	**WUXGA (1920 x 1200) 16:10 aspect ratio**
LED Backlit Unit	**LED Backlit**
IPS-level	**IPS-level Panel**
Refresh rate	**144Hz refresh rate**
Brightness	**300nits**
Color gamut	**100% sRGB color gamut**
Surface texture of display	**Anti-glare display**
TÜV Rheinland-certified	**TÜV Rheinland-certified**
Screen-to-body ratio	**90%**
Processor	**AMD Ryzen™ AI 7 445 Processor 2.0GHz (14MB Cache, up to 4.6GHz, 6 cores, 12 Threads); AMD XDNA™ NPU up to 50TOPS**
Chipset	**N/A**
Discrete/Share	**Share**
Intergrated GPU	**AMD Radeon™ Graphics**
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.**
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) 2*2 + Bluetooth® 5.4 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 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, 68W AC Adapter, Output: 20V DC, 3.4A, 68W, Input: 100~240V AC 50/60Hz universal
Battery	70WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Weight (with Battery)	2.60 kg (5.73 lbs)
Weight (without Battery)	2.45 kg (5.40 lbs)
Dimension (W x H x D)	40.25 x 27.45 x 1.86 ~ 1.99 cm (15.85" x 10.81" x 0.73" ~ 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
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
	Microsoft Pluton security processor
	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	RoHS
	REACH
Reparability Index (for France)	8.0