Part No	Sales Model Name
90NB17Y1-M003M0	M1807GA-S8012W

EAN Code	UPC Code
4711636374149	199291374140

WEEE	BASE UNIT
2.2	VSNB17Y1-BU1200

Marketing Name	Operating System
ASUS Vivobook 18	Windows 11 Home - ASUS recommends Windows 11 Pro for business

LCD cover-material	LCD cover-color
Plastic	Quiet Blue

Top case-material	Top case-color
Plastic	Quiet Blue

Keyboard color	Bottom case-material
Gray	Plastic

Bottom case-color	Military grade
Quiet Blue	US MIL-STD 810H military-grade standard

Touch Panel	Panel Size
Non-touch screen	18.0-inch

Resolution	LED Backlit Unit
WUXGA (1920 x 1200) 16:10 aspect ratio	LED Backlit

IPS-level	Response time
IPS-level Panel	

Refresh rate	Brightness
144Hz refresh rate	300nits

Peak Brightness	Color gamut
	100% sRGB color gamut

Gamut mapping	Contrast ratio
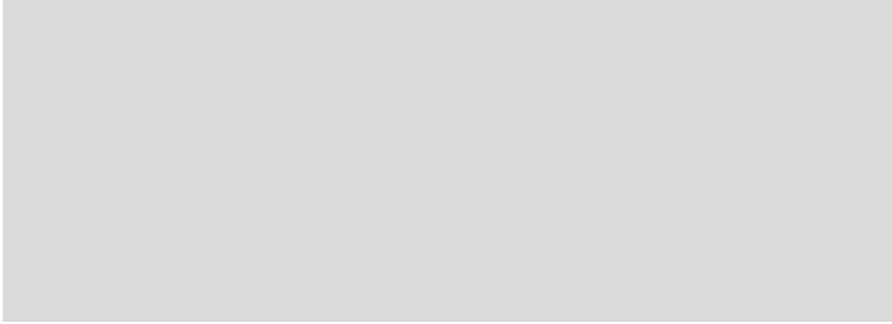
VESA CERTIFIED Display HDR	Color depth
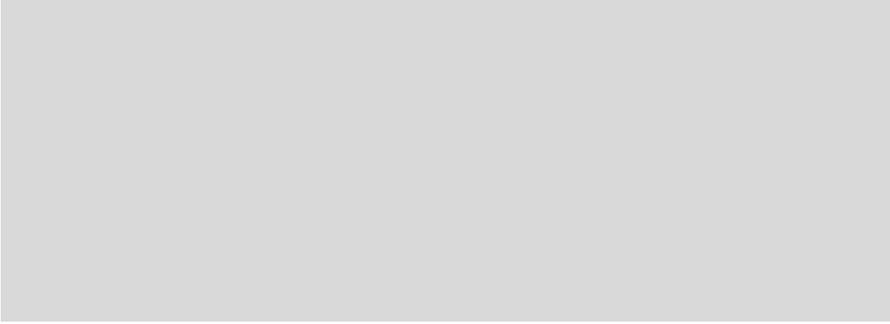
Pantone	Surface texture of display
	Anti-glare display

Low blue light	TÜV Rheinland-certified
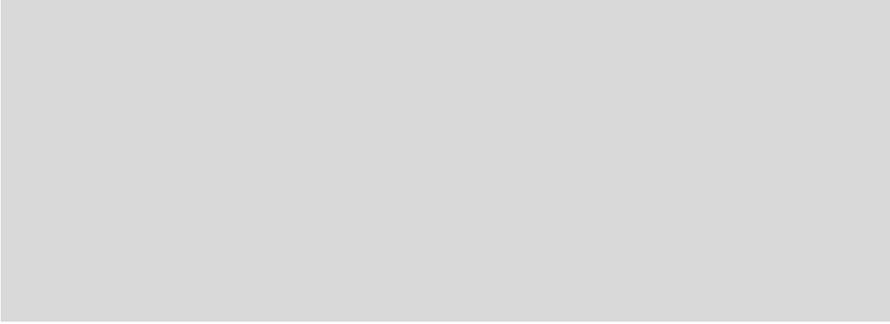
SGS Eye Care Display	Screen-to-body ratio
	90%

Stylus support	Processor
	AMD Ryzen™ AI 5 430 Processor 2.0GHz (12MB Cache, up to 4.5GHz, 4 cores, 8 Threads) AMD XDNA™ NPU up to 50TOPS

Chipset	Intergrated GPU
N/A	AMD Radeon™ Graphics

Discrete/Share	Neural Processor
Share	AMD XDNA™ NPU up to 50TOPS

Expansion Slot(includes used)	On board memory
1x DDR5 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4	16GB DDR5 on board

DIMM Memory	Total System Memory
DDR5 16GB	

Disclaimer for memory	How to upgrade memory

*Dual-channel memory support
requires at least one SO-DIMM module.

Storage	Front-facing camera
1TB M.2 NVMe™ PCIe® 4.0 SSD	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	Touchpad
Backlit Chiclet Keyboard with Num-key	Precision touchpad

FingerPrint	I/O ports
N/A	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

XG Mobile supported	Audio
	SonicMaster Built-in speaker Built-in array microphone

Voice control	Power
N/A	TYPE-C, 68W AC Adapter, Output: 20V DC, 3.4A, 68W, Input: 100~240V AC 50/60Hz universal

Required charging power	Battery
	70WHrs, 4S1P, 4-cell Li-ion

Replaceable Battery	Weight (without Battery)
No	2.45 kg (5.40 lbs)

Weight (with Battery)	Dimension (W x H x D)
2.60 kg (5.73 lbs)	40.25 x 27.45 x 1.86 ~ 1.99 cm (15.85" x 10.81" x 0.73" ~ 0.78")

Dimension for Keyboard	Built-in Apps
	StoryCube MyASUS ScreenXpert GlideX

MyASUS feature	Content for GoPro free subscription
System diagnosis	
Battery health charging	
Fan Profile	3-Month GoPro Premium+ Subscription
Splendid	*Available in eligible markets only.
Function key lock	Eligibility varies by region, device, and
WiFi SmartConnect	time. Terms and conditions apply. See
TaskFirst	promotion pages for details.
Live update	
AI Noise Canceling	

Office	Antivirus
1-month trial for new Microsoft 365 customers. Credit card required.	McAfee® 30 days free trial

Security	Adobe Creative Cloud Hard Bundle
IR webcam with Windows Hello support McAfee® BIOS Booting User Password Protection Microsoft Pluton security processor Trusted Platform Module (Firmware TPM)	1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026.

Ecolabels & Compliances	Included in the Box
RoHS REACH	

Reparability Index (for France)	Reparability Index (for BNL)