K6502VU-OLED-MA531X - Model Specification

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FULL DETAIL

Part No	90NB1132-M003V0
Model Name	K6502VU-OLED-MA531X
EAN Code	4711387123751
UPC Code	197105123755
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum
LCD cover-color	Cool Silver
Top case-material	Plastic
Top case-color	Cool Silver
Bottom case-material	Plastic
Bottom case-color	Cool Silver
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Non-touch screen
Panel Size	15.6-inch
Resolution	2.8K (2880 x 1620) OLED 16:9 aspect ratio
Response time	0.2ms response time
Refresh rate	120Hz refresh rate
Brightness	400nits
Peak Brightness	550nits HDR peak brightness
Color gamut	100% DCI-P3 color gamut
Contrast ratio	1,000,000:1
VESA CERTIFIED Display HDR	VESA CERTIFIED Display HDR True Black 600
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Glare	Glossy display
Low blue light	70% less harmful blue light
T?V Rheinland-certified	T V Rheinland-certified
Screen-to-body ratio	84
Processor	Intel Core i5-13500H Processor 2.6 GHz (18MB Cache, up to 4.7 GHz, 12 cores, 16 Threads)
Discrete/Share	Discrete
Intergrated GPU	Intel Iris Xe Graphics
Disclaimer for Intel Iris Xe	*Intel Iris X Graphics is only available in models with Intel Core i5/i7/i9 processors and dual-channel n
Graphics	NVIDIA Geforce RTX 4050 Laptop GPU
VRAM	6GB GDDR6
Expansion Slot(includes used)	1x DDR5 SO-DIMM slot 1x M.2 2280 PCIe 4.0x4
On board memory	8GB DDR5 on board
DIMM Memory	8GB DDR5 SO-DIMM
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	1080p FHD camera ; With privacy shutter
Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5

FingerPrint	FingerPrint
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 2x USB 3.2 Gen 1 Type-A 1x Thunderbolt　4 supports display / power delivery 1x HDMI 2.1 FRL 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet 1x DC-in SD 4.0 card reader
Audio	Smart Amp Technology Built-in microphone harman/kardon (Mainstream)
Voice control	with Cortana and Alexa voice-recognition support
AC Adapter	4.5, 150W AC Adapter, Output: 20V DC, 7.5A, 150W, Input: 100~240V AC, 50/60Hz universal
Battery	70WHrs, 3S1P, 3-cell Li-ion
Replaceable Battery	No
Keyboard type	Backlit Chiclet Keyboard
Dimension (WxHxD)	35.63 x 23.53 x 1.99 ~ 2.00 cm
Weight (with Battery)	1.80 kg
Weight (without Battery)	1.62 kg
Antivirus	McAfee　LiveSafe　30 days free trial
Security	McAfee　LiveSafe　30 days free trial Fingerprint sensor integrated with Power Key McAfee　LiveSafe Trusted Platform Module (Firmware TPM)
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care AI Noise Canceling Wi-Fi Rangeboost AdaptiveLock
Built-in Apps	MyASUS ProArt Creator Hub ScreenXpert GlideX
Adobe Creative Cloud Hard Bundle	Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to November 15, 2022.
Reparability Index (for France)	7.8