UX582ZW-OLED-H941X - Model Specification

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FULL DETAIL

Part No	90NB0Z21-M000P0
Model Name	UX582ZW-OLED-H941X
EAN Code	4711081827436
UPC Code	195553827430
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	Celestial Blue
Top case-material	Aluminum
Top case-color	Celestial Blue
Bottom case-material	Aluminum
Bottom case-color	Celestial Blue
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Touch screen
Panel Size	15.6-inch
Resolution	4K (3840 x 2160) OLED 16:9 aspect ratio
Response time	0.2ms response time
Peak Brightness	550nits 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 500
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Glare	Glossy display
Low blue light	65% less harmful blue light
Screen-to-body ratio	93
Processor	Intel Core i9-12900H Processor 2.5 GHz (24M Cache, up to 5.0 GHz, 6P+8E cores)
Discrete/Share	Discrete
Intergrated GPU	Intel Iris Xe Graphics
Graphics	NVIDIA GeForce RTX 3070 Ti Laptop GPU
VRAM	8GB GDDR6
How to upgrade memory	Not Available
Total System Memory	32GB LPDDR5 on board
On board memory	32GB LPDDR5 on board
Storage	1TB M.2 NVMe PCIe 4.0 Performance SSD
Front-facing camera	HD camera with IR function to support Windows Hello
Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.2
on board Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.0
NumberPad	Support NumberPad
ScreenPad™	ScreenPad Plus (14in 3840 x 1100(4K) IPS-leve Panel Support Stylus)
I/O ports	1x USB 3.2 Gen 2 Type-A 2x Thunderbolt 4 supports display//1x HDMI 2.1 1x 3.5mm Combo Audio Jack

	1x DC-in//N/A
Audio	Built-in speaker
	Built-in microphone
	Built-in array microphone//harman/kardon (Premium)
Voice control	with Cortana and Alexa voice-recognition support
AC Adapter	6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Battery	92WHrs, 4S2P, 8-cell Li-ion
Replaceable Battery	No
Keyboard type	Backlit Chiclet Keyboard with Num-key
Dimension (WxHxD)	35.98 x 24.92 x 2.15 ~ 2.15 cm
Weight (with Battery)	2.34 kg
Weight (without Battery)	1.99 kg
Security	IR webcam with Windows Hello support
	Trusted Platform Module (TPM) 2.0
MyASUS feature	System diagnosis
	Battery health charging _x000D_
	Fan Profile
	Splendid
	Tru2Life
	Function key lock
	WiFi SmartConnect
	Link to MyASUS
	TaskFirst
	Live update
	ASUS OLED Care
Built-in Apps	MyASUS
	ProArt Creator Hub
	ScreenXpert
Adobe Creative Cloud Hard Bundle	Three-Month Membership of Adobe Creative Cloud All Apps, Individual._x000D_
	The redemption duration from September 15, 2021 to November 15, 2022.
Included in the Box	Plamrest
	Sleeve
	Stand
	Stylus
Reparability Index (for France)	6.4