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ASUS Zenbook 14X OLED UX5401ZAS-KN110W Intel® Core™ i7 i7-12700H Laptop 35.6 cm (14") Touchscreen 2.8K 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Titanium

Brand : ASUS

Product family: Zenbook

Product code: 90NB0WV7-M006V0

Product name : UX5401ZAS-KN110W

Intel Core i7-12700H (24MB Cache, 2.3GHz), 16GB LPDDR5-SDRAM, 1000GB SSD, 35.6 cm (14") 2.8K 2880 x 1800 OLED Touch, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit
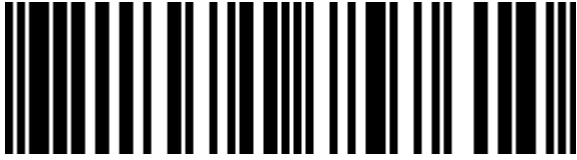
ASUS Zenbook 14X OLED UX5401ZAS-KN110W Intel® Core™ i7 i7-12700H Laptop 35.6 cm (14") Touchscreen 2.8K 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Titanium:

Zenbook 14X OLED Space Edition is a very special, out-of-this world laptop that commemorates the 25th anniversary of the first ASUS laptop sent into space. It's a prestigious special-edition design featuring stunning space-themed graphics on the lid and keyboard, and there's also a futuristic 3.5-inch OLED companion ZenVision display on the lid that shows personalised notifications, animations or text. For stellar visuals, it has a 16:10 2.8K OLED NanoEdge PANTONE® Validated 14-inch display1,2 with an unbelievable 92% screen-to-body ratio and TÜV Rheinland-certified eye care. Get ready to explore a new vision, and start your voyage of cosmic discovery and exploration!

Design

Colour name	Zero-G Titanium
Product type *	Laptop
Product colour *	Titanium
Form factor *	Clamshell
Housing material	Aluminium
Market positioning	Home
Country of origin	China

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✓
HD type	2.8K
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	550 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	90 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	HDR True Black 500

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-12700H

Network

Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.0

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Performance

Repairability index	7.4

Keyboard

Pointing device	NumberPad
Numeric keypad *	✗
Keyboard backlit	✓

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers
Operating system installed *	Windows 11 Home

Processor

Processor cores	14
Processor boost frequency	4.7 GHz
Processor frequency *	2.3 GHz
Processor cache	24 MB
Configurable TDP-down	35 W

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Speakers manufacturer	Harman Kardon
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	63 Wh

Power

AC adapter power	100 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	5 A
AC adapter output voltage	20 V

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	311.2 mm
Depth	221.1 mm
Height	15.9 mm
Weight *	1.4 kg

Packaging data

Package width	73 mm
Package depth	452 mm
Package height	272 mm
Package weight	3.54 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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