ASUS Zenbook Pro 14 Duo OLED UX8402VU-P1026W Intel® Core™ i7 i7-13700H Laptop 36.8 cm (14.5") Touchscreen 2.8K 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Zenbook

Product code: 90NB10X2-M002D0

Product name : UX8402VU-P1026W

- Windows 11 Home
- World's 1st 14.5" 16:10 2.8K 120Hz OLED HDR display
- Next-generation 12.7" 32:10 2.8K 120Hz ScreenPad™ Plus
- AAS (Active Aerodynamic System) Ultra design
- 13th gen Intel® Core™ i7 H-Series processor
- NVIDIA® GeForce RTX™ 4050 graphics
- ASUS IceCool Plus cooling technology with 85W total TDP
- ScreenXpert support
- 1TB PCIe® Gen 4.0 x4 SSD storage
- Thin and light: 1.75kg, 17.9mm

Intel Core i7-13700H (24MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 36.8 cm (14.5") 2.8K 2880 x 1800 OLED Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

Design

Colour name	Tech Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Aluminium, Magnesium
Market positioning	Performance

Display

Touchscreen type	Capacitive
Display diagonal *	36.8 cm (14.5")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✓
HD type	2.8K
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	400 cd/m²
Maximum display brightness (HDR)	550 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Display response rise/fall	0.2 ms
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	HDR True Black 500
Second display diagonal	32.3 cm (12.7")
Second display resolution	2880 x 864 pixels
Second display panel type	IPS

Graphics

On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio system	Smart Amp
Speakers manufacturer	Harman Kardon
Built-in microphone	✓

Camera

Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✓

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.3

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	✓

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700H
Processor cores	14
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W
Processor base power	45 W
Maximum turbo power	115 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 GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4050
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔

Ports & interfaces

Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	ScreenPad Plus
Numeric keypad *	✘
Keyboard backlit	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee LiveSafe 30 days
Operating system installed *	Windows 11 Home

Processor special features

CPU configuration (max)	1

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	76 Wh

Power

AC adapter power	180 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	9 A
AC adapter output voltage	20 V

Security

Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔

Certificates

Compliance certificates	RoHS, REACH

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	323.5 mm
Depth	224.7 mm
Height (front)	1.79 cm
Height (rear)	1.96 cm
Weight *	1.75 kg

Packaging data

Package width	116 mm
Package depth	466 mm
Package height	306 mm
Package weight	3.5 kg

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