

# ASUS Zenbook Pro 14 Duo OLED UX8402ZA-M3033W Intel® Core™ i7 i7-12700H Laptop 36.8 cm (14.5") Touchscreen 2.8K 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB0X72-M002T0

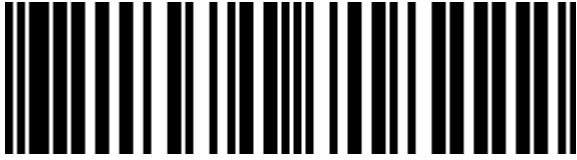
**Product name :** UX8402ZA-M3033W



- Windows 11 Home 64-bit  
 - Intel Core i7-12700H (24MB Cache, 2.3GHz)  
 - 36.8 cm (14.5") 2.8K 2880 x 1800 OLED Touch  
 - 16GB LPDDR5-SDRAM (1 x 16) & 512GB SSD  
 Intel Core i7-12700H (24MB Cache, 2.3GHz), 16GB LPDDR5-SDRAM, 512GB SSD, 36.8 cm (14.5") 2.8K 2880 x 1800 OLED Touch, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS Zenbook Pro 14 Duo OLED UX8402ZA-M3033W. Product type: Laptop, Form factor: Clamshell.  
 Processor family: Intel® Core™ i7, Processor model: i7-12700H, Processor frequency: 2.3 GHz. Display diagonal: 36.8 cm (14.5"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Operating system installed: Windows 11 Home. Product colour: Black

Design		Network	
Colour name	Tech Black	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	Ethernet LAN	✗
Country of origin	China	Bluetooth	✓
Rugged design	✓	Bluetooth version	5.2
Display		Ports & interfaces	
Display diagonal *	36.8 cm (14.5")	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Display resolution *	2880 x 1800 pixels	HDMI ports quantity *	1
Touchscreen *	✓	HDMI version	2.1
HD type	2.8K	Thunderbolt 4 ports quantity	2
Panel type	OLED	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	Charging port type	DC-in jack
Display brightness	550 cd/m <sup>2</sup>	Power adapter barrel connector	6.0 mm
RGB colour space	DCI-P3	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	100%	USB Power Delivery	✓
Maximum refresh rate	120 Hz	Keyboard	
Contrast ratio (typical)	1000000:1	Pointing device	Touchpad
High Dynamic Range (HDR) supported	✓	Numeric keypad *	✗
High Dynamic Range (HDR) technology	HDR True Black 500	Keyboard backlit	✓
Second display diagonal	32.3 cm (12.7")	Software	
Second display resolution	2880 x 864 pixels	Operating system architecture	64-bit
Second display panel type	IPS	Trial software	1-month trial for new Microsoft 365 customers
Second display location	Top	Operating system installed *	Windows 11 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Flex Memory Access	✓
Processor family *	Intel® Core™ i7	Intel Trusted Execution Technology	✓
Processor generation	12th gen Intel® Core™ i7		
Processor model *	i7-12700H		
Processor cores	14		

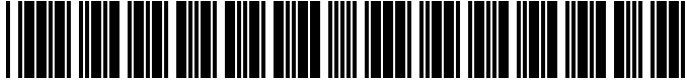
<b>Processor</b>		<b>Processor special features</b>	
Processor boost frequency	4.7 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor frequency *	2.3 GHz	Execute Disable Bit	✓
Processor cache	24 MB	CPU configuration (max)	1
Configurable TDP-down	35 W	Embedded options available	✗
<b>Memory</b>		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory *	16 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type	LPDDR5-SDRAM	<b>Battery</b>	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	4
<b>Storage</b>		Battery capacity *	76 Wh
Total storage capacity *	512 GB	<b>Power</b>	
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	<b>Weight &amp; dimensions</b>	
Card reader integrated	✓	Width	323.5 mm
Compatible memory cards	MicroSD (TransFlash)	Depth	224.7 mm
<b>Graphics</b>		Height (front)	1.79 cm
Discrete graphics card model *	Not available	Height (rear)	1.96 cm
On-board graphics card *	✓	Weight *	1.7 kg
On-board GPU manufacturer	Intel	<b>Packaging data</b>	
Discrete graphics card *	✗	Package width	123 mm
On-board graphics card model *	Intel Iris Xe Graphics	Package depth	481 mm
<b>Audio</b>		Package height	285 mm
Audio system	Smart Amp	Package weight	2.5 kg
Speakers manufacturer	Harman Kardon	<b>Logistics data</b>	
Built-in microphone	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000
<b>Camera</b>			
Front camera	✓		
Front camera HD type	HD		



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