

## ASUS Zenbook Duo UX8406MA-PZ246X Intel Core Ultra 9 185H Laptop 35,6 cm (14") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

**Brand :** ASUS

**Product family:** Zenbook

**Article code:** 90NB12U1-M00JU0

**Product name :** UX8406MA-PZ246X



ASUS Zenbook Duo UX8406MA-PZ246X. Product type: Laptop, Form factor: Convertible (Detachable). Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 35,6 cm (14"), HD type: 3K, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product color: Grey

Design		Graphics	
Colour name	Inkwell Gray	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey	On-board GPU manufacturer	Intel
Form factor *	Convertible (Detachable)	Discrete graphics card *	✗
Housing material	Aluminium, Magnesium	On-board graphics card family	Intel Arc Graphics
Market positioning	Home	On-board graphics card model *	Intel Arc Graphics
Introduction year	2024	Audio	
Display		Audio system	Smart Amp
Display diagonal *	35.6 cm (14")	Speakers manufacturer	Harman Kardon
Display resolution *	2880 x 1800 pixels	Built-in microphone	✓
Touchscreen *	✓	Camera	
HD type	3K	Front camera	✓
Panel type	OLED	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
Display surface	Gloss	Infrared (IR) camera	✓
Display brightness	400 cd/m²	Network	
Maximum display brightness (HDR)	500 cd/m²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Display response rise/fall	0.2 ms	Antenna type	2x2
Maximum refresh rate	120 Hz	Ethernet LAN	✗
Display number of colours	1.073 billion colours	Bluetooth	✓
Contrast ratio (typical)	1000000:1	Bluetooth version	5.3
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
High Dynamic Range (HDR) technology	HDR True Black 500	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 9	Thunderbolt 4 ports quantity	2
Processor generation	Intel® Core™ Ultra (Series 1)	Intel® Thunderbolt 4	✓
Processor model *	185H		
Processor cores	16		

Processor		Ports & interfaces	
Processor boost frequency	5.1 GHz	Combo headphone/mic port	✓
Performance cores	6	Charging port type	USB Type-C
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	5.1 GHz	Performance	
Efficient-core Max Turbo Frequency	3.8 GHz	Repairability index	7.5
Performance-core base frequency	2.3 GHz	Keyboard	
Efficient-core base frequency	1.8 GHz	Pointing device	Touchpad
Efficient-core boost frequency	1.8 GHz	Numeric keypad *	✗
Processor cache	24 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	45 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	115 W	Battery	
Neural processor unit (NPU)		Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)	Intel AI Boost	Number of battery cells	4
Maximum frequency NPU	1.4 GHz	Battery capacity *	75 Wh
Sparsity support	✓	Battery life (max)	8 h
Windows Studio effects support	✓	Power	
AI datatype support on NPU	FP16, FP32, Int8	AC adapter power	65 W
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter frequency	50 - 60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	32 GB	AC adapter output current	3.25 A
Internal memory type	LPDDR5x-SDRAM	AC adapter output voltage	20 V
Memory form factor	On-board	USB Power Delivery (USB PD) *	✓
Maximum internal memory *	32 GB	Security	
Storage		Face recognition	✓
Total storage capacity *	1 TB	Windows Hello	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	1 TB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Certificates	
SSD capacity	1 TB	Compliance certificates	RoHS
SSD interface	PCI Express 4.0	Sustainability	
NVMe	✓	Sustainability compliance	✓
SSD form factor	M.2	Sustainability certificates	EPEAT Gold, ENERGY STAR
Optical drive type *	✗	Weight & dimensions	
		Width	313.5 mm
		Depth	217.9 mm
		Height (front)	1.46 cm
		Height (rear)	1.99 cm
		Weight *	1.65 kg



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