ASUS

ASUS Zenbook Duo UX8406CA-PZ089W Intel Core Ultra 9 285H Ibrido (2 in 1) 35,6 cm (14") Touch screen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grigio

Marchio : ASUS

Famiglia del prodotto: Zenbook

Codice prodotto: 90NB14X1-M00DK0

Nome del prodotto : UX8406CA-PZ089W

14", 3K (2880 x 1800) OLED 16:10 aspect ratio, Intel Core Ultra 9 Processor 285H 2.9 GHz (24MB Cache, up to 5.4 GHz, 16 cores, 16 Threads) Intel® AI Boost NPU up to 13TOPS, 32GB LPDDR5X on board, 1TB M.2 NVMe PCIe 4.0 SSD, 31.35 x 21.79 x 1.46 ~ 1.99 cm
ASUS Zenbook Duo UX8406CA-PZ089W. Tipo di prodotto: Ibrido (2 in 1), Fattore di forma: Convertibile (rimovibile). Famiglia processore: Intel Core Ultra 9, Modello del processore: 285H. Dimensioni diagonale schermo: 35,6 cm (14"), Tipologia HD: 3K, Risoluzione del display: 2880 x 1800 Pixel, Touch screen. RAM installata: 32 GB, Tipo di RAM: LPDDR5x-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Arc 140T. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Grigio

Design

Colour name	Inkwell Gray
Product type *	Hybrid (2-in-1)
Product colour *	Grey
Form factor *	Convertible (Detachable)
Stylus pen support	✔

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✔
HD type	3K
Panel type	OLED
Display number of colours	1.07 billion colours
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	400 cd/m²
Maximum display brightness (HDR)	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR True Black 500

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 9
Processor generation	Intel Core Ultra (Series 2)
Processor model *	285H
Processor cores	16

Storage

NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc 140T

Audio

Audio system	Smart Amp
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✘
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.4

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1

Processor

Processor threads	16
Processor boost frequency	5.4 GHz
Performance cores	6
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	5.4 GHz
Efficient-core Max Turbo Frequency	4.5 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	2.9 GHz
Efficient-core base frequency	2.7 GHz
Low Power Efficient-core Base Frequency	1000 MHz
Processor cache	24 MB
Processor base power	45 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✘
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML
NPU performance up to	13 TOPs

Memory

Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	32 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

Ports & interfaces

HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Repairability index	9.4

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘

Software

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

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	75 Wh

Power

AC adapter power	65 W
AC adapter frequency	50-60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.25 A
AC adapter output voltage	20 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security

Windows Hello	✔
Trusted Platform Module (TPM)	✔

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold

Weight & dimensions

Width	313.5 mm
Depth	217.9 mm
Height (front)	1.46 cm
Height (rear)	1.99 cm
Weight *	1.65 kg

Packaging content

Stylus pen	✔

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