ASUS Zenbook Duo UX8407AA-SN094X Copilot+ PC Intel Core Ultra X9 388H Hybrid (2-in-1) 35.6 cm (14") Touchscreen 3K 32 GB LPDDR5x-SDRAM 2 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : ASUS

Product family: Zenbook

Product code: 90NB16V1-M00YN0

Product name : UX8407AA-SN094X Copilot+ PC

- Windows 11 Pro 64-bit
- Intel Core Ultra X9 388H (18MB Cache)
- 14" 3K 2880 x 1800 OLED Touch
- 32GB LPDDR5x-SDRAM & 2000GB SSD

Intel Core Ultra X9 388H (18MB Cache), 32GB LPDDR5x-SDRAM, 2000GB SSD, 14" 3K 2880 x 1800 OLED Touch, Intel Arc B390, WLAN, Webcam, Windows 11 Pro 64-bit

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Let’s DUO it
Dual-screen familiarity, but fully integrated. Enjoy your extended desktop experience now ultra-portable, more durable, and completely immersive.
ASUS Zenbook Duo UX8407AA-SN094X Copilot+ PC. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel Core Ultra X9, Processor model: 388H. 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: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc B390. Operating system installed: Windows 11 Pro. Product colour: Grey

Design	
Colour name	Moher Gray
Product type *	Hybrid (2-in-1)
Product colour *	Grey
Form factor *	Convertible (Detachable)
Housing material	Ceraluminum
Display back cover material	Ceraluminum
Market positioning	Home
Certified refurbished	✗

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	500 cd/m²
Maximum display brightness (HDR)	1000 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Low Blue Light technology	✓
Display response rise/fall	0.2 ms
Maximum refresh rate	144 Hz
Contrast ratio (typical)	1000000:1

Storage	
Total SSDs capacity	2 TB
SSD interface	PCI Express 4.0
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 B390
Ray tracing acceleration	✓

Audio	
Audio system	Smart Amp
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 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)

Display	
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra X9
Processor generation	Intel® Core™ Ultra (Series 3)
Processor model *	388H
Processor cores	16
Processor threads	16
Processor boost frequency	5.1 GHz
Performance cores	4
Efficient cores	8
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	5.1 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.6 GHz
Low Power Efficient-core Base Frequency	1600 MHz
Processor cache	18 MB
Processor cache type	Smart Cache
Processor socket	FCBGA2540
Processor base power	25 W
Maximum turbo power	80 W

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN
NPU performance up to	50 TOPs
GPU performance up to	122 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 *	2 TB
Storage media *	SSD

Network	
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.4

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	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	99 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
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Face recognition	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔

Certificates	
Compliance certificates	RoHS
Certification	US MIL-STD 810H military-grade standard

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	310.1 mm
Depth	208.6 mm
Height (front)	1.96 cm
Height (rear)	2.34 cm
Weight *	1.65 kg

Other features	
Expansion slots	- 2x M.2 2280 PCIe 4.0x4

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