

ASUS Vivobook 16 Flip TP3607SA-RJ033W Copilot+ PC Intel Core Ultra 7 256V Hybrid (2-in-1) 40.6 cm (16") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey

Brand : ASUS

Product family: Vivobook

Product code: 90NB1511-M001U0

Product name : TP3607SA-RJ033W Copilot+ PC

- Windows 11 Home 64-bit
- Intel Core Ultra 7 256V (12MB Cache)
- 40.6 cm (16") 3K 2880 x 1800 OLED Touch
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 256V (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED Touch, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 Flip TP3607SA-RJ033W Copilot+ PC Intel Core Ultra 7 256V Hybrid (2-in-1) 40.6 cm (16") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey:

Flip 360, Flip Smart

Ready to flip into boosted productivity? Meet the ultra-versatile, AI-powered ASUS Vivobook 16 Flip. Designed to streamline your workflow and transform the way you tackle tasks, it has a 360° hinge for maximum flexibility and supports ASUS Pen 2.0, adapting effortlessly to your needs. Equipped with up to the latest Intel® Core™ Ultra 7 processor (Series 2) with a NPU boasting up to 47 TOPS, it also features a stunning 16-inch 3K ASUS Lumina OLED2 NanoEdge touchscreen. And with up to 22 hours battery life³, it can power you through multiple working days. Ideal for students and professionals, this all-in-one device enhances your productivity like never before.

Design		Graphics	
Colour name	Matte Gray	Discrete graphics card model *	Not available
Product type *	Hybrid (2-in-1)	On-board graphics card *	✓
Product colour *	Black, Grey	On-board GPU manufacturer	Intel
Form factor *	Convertible (Folder)	Discrete graphics card *	✗
Housing material	Aluminium, Plastic	On-board graphics card family	Intel Arc Graphics
Market positioning	Home	On-board graphics card model *	Intel Arc Graphics 140V
Introduction year	2025	Audio	
Display		Audio system	Smart Amp
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2880 x 1800 pixels	Camera	
Touchscreen *	✓	Front camera	✓
HD type	3K	Front camera resolution	1920 x 1080 pixels
Panel type	OLED	Front camera HD type	Full HD
Display number of colours	1.07 billion colours	Privacy camera	✓
Native aspect ratio	16:10	Privacy type	Privacy shutter
Display surface	Gloss	Network	
Display brightness	400 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum display brightness (HDR)	500 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	120 Hz	Ethernet LAN	✗
Contrast ratio (typical)	1000000:1	Bluetooth	✓
High Dynamic Range (HDR) supported	✓	Bluetooth version	5.4
High Dynamic Range (HDR) technology	HDR True Black 500	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor manufacturer *	Intel		



Processor	
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	256V
Processor cores	8
Processor threads	8
Processor boost frequency	4.8 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.8 GHz
Low Power Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.2 GHz
Low Power Efficient-core Base Frequency	2200 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	17 W
Maximum turbo power	37 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	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	115 TOPs
NPU performance up to	47 TOPs
GPU performance up to	64 TOPs
Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory channels	Single-channel
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)
Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓
Performance	
Repairability index	8.8
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Copilot key	✓
Software	
Operating system architecture	64-bit
Microsoft Copilot	✓
Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days, One-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2025.
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	
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User
Certificates	
Compliance certificates	REACH
Sustainability	
Sustainability certificates	ENERGY STAR
Weight & dimensions	
Width	355 mm
Depth	244.3 mm
Height (front)	1.69 cm
Height (rear)	1.74 cm
Weight *	1.8 kg
Packaging content	
AC adapter included *	✓



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Catalog Object Cloud



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