ASUS

ASUS ROG Flow Z13 GZ302EA-RU004W AMD Ryzen AI Max+ 395 Hybrid (2-in-1) 34 cm (13.4") Touchscreen 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Belgian Black

Brand : ASUS

Product family: ROG

Product code: 90NR0JY1-M002K0

Product name : GZ302EA-RU004W

AMD Ryzen AI Max+ 395 (64MB Cache, 3GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 34.0 cm (13.4") 2.5K 2560 x 1600 IPS-Level Touch, AMD Radeon 8060S, WLAN, Webcam, Windows 11 Home 64-bit

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ROG Flow Z13
Compact is the new impact

Performance
Power reimagined
Prepare to dominate the battlefield with the incredible power and flexibility of the AMD RyzenTM AI Max+ 395 processor and Windows 11. With a performance level typically reserved for , this next-gen CPU features unified memory design, taking AI to the next level. The Flow Z13 not only powers your gaming and creative tasks but is capable of running large language models with 70 billion parameters — an impressive feat for a 13-inch laptop — giving you access to cutting-edge AI tools and running them locally.

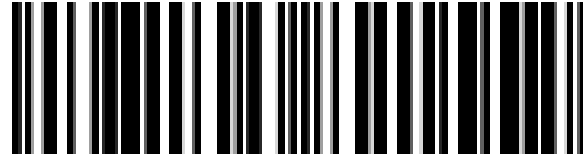Solve everyday challenges with ROG's OMNI AI virtual assistant.

Design	
Colour name	Off Black
Product type *	Hybrid (2-in-1)
Product colour *	Black
Form factor *	Convertible (Detachable)
Housing material	Aluminium
Market positioning	Gaming
Introduction year	2025

Display	
Display diagonal *	34 cm (13.4")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✔
HD type	2.5K
Panel type	IPS-Level
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	180 Hz
Contrast ratio (typical)	1500:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI Max+
Processor generation	AMD Ryzen AI Max 300 Series

Audio	
Number of microphones	3

Camera	
Front camera	✔
Front camera resolution (numeric)	13 MP
Infrared (IR) camera	✔
Rear camera	✔
Rear camera resolution (numeric)	5 MP

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 2 (3.1 Gen 2) Type-A ports quantity	1
USB4 Gen 3x2 ports quantity	2
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘

Processor

Processor model *	395
Processor cores	16
Processor threads	32
Processor boost frequency	5.1 GHz
Processor frequency *	3 GHz
Processor cache	64 MB
Processor cache type	L3

Neural processor unit (NPU)

Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	126 TOPs
NPU performance up to	50 TOPs

Memory

Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Memory layout (slots x size)	1 x 32 GB
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
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 8060S
On-board graphics card 8K support	✔
AMD FreeSync	✔

Audio

Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Keyboard

Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Keyboard layout	AZERTY
Keyboard language	Belgian
Copilot key	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Operating system installed *	Windows 11 Home
Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Microsoft Copilot	✔
Copilot+ PC	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	70 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power

AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	10 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

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	300 mm
Depth	204 mm
Height (front)	1.29 cm
Height (rear)	1.49 cm
Weight *	1.2 kg

Packaging content

AC adapter included *	✔

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