

ASUS ROG Flow Z13 GZ302EA-RU118W AMD Ryzen™ AI Max 390 Laptop 34 cm (13.4") Touchscreen WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home German Black



Brand : ASUS

Product family: ROG

Product code: 90NR0JY1-M006R0

Product name : GZ302EA-RU118W

- Windows 11 Home 64-bit
 - AMD Ryzen AI Max 390 (3.2GHz)
 - 34.0 cm (13.4") WQXGA 2560 x 1600 IPS Touch
 - 32GB (8000MHz) LPDDR5x-SDRAM & 1000GB SSD
 AMD Ryzen AI Max 390 (3.2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 34.0 cm (13.4") WQXGA 2560 x 1600 IPS Touch, AMD Radeon 8050S, WLAN, Webcam, Windows 11 Home 64-bit

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Compact is the new impact

Prepare to dominate the battlefield with the incredible power and flexibility of the AMD Ryzen™ 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.

Design		Audio	
Colour name	Off Black	Built-in microphone	✓
Product type *	Laptop	Number of microphones	3
Product colour *	Black	Camera	
Form factor *	Convertible (Detachable)	Front camera	✓
Market positioning	Gaming	Front camera resolution (numeric)	13 MP
Introduction year	2025	Infrared (IR) camera	✓
Display		Rear camera	✓
Display diagonal *	34 cm (13.4")	Rear camera resolution (numeric)	5 MP
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	500 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	3 ms	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	180 Hz	USB4 Gen 3x2 ports quantity	2
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ AI Max	Performance	
Processor generation	AMD Ryzen AI 300 Series	Repairability index	10
Processor model *	390		
Processor cores	12		
Processor threads	24		
Processor boost frequency	5 GHz		

Processor		Keyboard	
Processor frequency *	3.2 GHz	Pointing device	Touchpad
Processor cache type	L2 & L3	Numeric keypad *	✗
L3 cache	64 MB	Keyboard backlit	✓
L2 cache	12 MB	Keyboard backlit colour	RGB
Neural processor unit (NPU)		Keyboard layout	QWERTZ
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard language	German
Total processor performance up to	110 TOPs	Software	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	8000 MHz	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	70 Wh
Maximum internal memory *	32 GB	Power	
Storage		AC adapter power	200 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output current	10 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2230 (22 x 30 mm)	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Card reader integrated	✓	Sustainability	
Compatible memory cards	MicroSD (TransFlash)	Sustainability certificates	ENERGY STAR
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	300 mm
On-board graphics card *	✓	Depth	204 mm
Discrete graphics card *	✗	Height (front)	1.29 cm
On-board graphics card family	AMD Radeon Graphics	Height (rear)	1.49 cm
On-board graphics card model *	AMD Radeon 8050S	Weight *	1.2 kg
Audio		Packaging data	
Audio system	Dolby Atmos	Package weight	1.45 kg
Number of built-in speakers	2	Packaging content	
Speaker power	2 W	AC adapter included *	✓
		Bag included	✓



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