

GIGABYTE AERO X16 1VH93DEC64AH laptop Copilot+ PC AMD Ryzen™ AI 7 350 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home German Grey

Brand : GIGABYTE

Product code: GIGABYTE AERO X16 1VH93DEC64AH

Product name : GIGABYTE AERO X16 1VH93DEC64AH



GIGABYTE AERO X16 1VH93DEC64AH. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 7, Processor model: 350, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Audio	
Colour name	Space Gray	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Introduction year	2025	Front camera	✓
Country of origin	China	Front camera resolution	1920 x 1080 pixels
Original brand name	GIGABYTE	Front camera HD type	Full HD
Display		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	2560 x 1600 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Display brightness	400 cd/m²	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.2
Maximum refresh rate	165 Hz	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	AMD Ryzen™ AI 7	USB4 Gen 2x2 ports quantity	1
Processor generation	AMD Ryzen AI 300 Series	Ethernet LAN (RJ-45) ports	2
Processor model *	350	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	16	Combo headphone/mic port	✓
Processor boost frequency	5 GHz		
Processor frequency *	2 GHz		
Processor cache	16 MB		

Processor		Ports & interfaces	
Processor cache type	L3	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Touchpad
Neural processor unit (NPU)	AMD Ryzen AI	Numeric keypad *	✗
Total processor performance up to	66 TOPs	Keyboard backlit	✓
NPU performance up to	50 TOPs	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	1-zone RGB
Internal memory *	32 GB	Keyboard layout	QWERTZ
Internal memory type	DDR5-SDRAM	Keyboard language	German
Memory clock speed	5600 MHz	Copilot key	✓
Memory layout (slots x size)	2 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	76.1 Wh
Total SSDs capacity	1 TB	Battery weight	275 g
Number of SSDs installed	1	Power	
SSD capacity	1 TB	AC adapter power	150 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Width	355 mm
Discrete graphics card memory	8 GB	Depth	250.7 mm
Discrete graphics memory type	GDDR7	Height (front)	1.68 cm
On-board graphics card *	✓	Height (rear)	2 cm
On-board GPU manufacturer	AMD	Weight *	1.9 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card family	AMD Radeon	Package width	60 mm
On-board graphics card model *	AMD Radeon 860M	Package depth	520 mm
Audio		Package height	322 mm
Audio system	Dolby Atmos	Package weight	3.57 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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