

GIGABYTE AERO X16 2WHA3DEC65AP Copilot+ PC AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : GIGABYTE

Product code: GIGABYTE AERO X16 2WHA3DEC65AP

Product name : AERO X16 2WHA3DEC65AP

GIGABYTE AERO X16 2WHA3DEC65AP. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9 HX, Processor model: 370, 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: 2 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 890M. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Audio	
Colour name	Space Gray	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Introduction year	2025	Camera	
Country of origin	China	Front camera	✓
Original brand name	GIGABYTE	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display brightness	400 cd/m²	Ethernet LAN	✓
RGB colour space	DCI-P3	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	165 Hz	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	1
Processor family *	AMD Ryzen AI 9 HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	370	USB4 Gen 2x2 ports quantity	1
Processor cores	12	Ethernet LAN (RJ-45) ports	2
Processor threads	24	HDMI ports quantity *	1
Processor boost frequency	5.1 GHz	HDMI version	2.1
Processor frequency *	2 GHz	Combo headphone/mic port	✓
Processor cache	36 MB		
Processor cache type	L2 & L3		

Neural processor unit (NPU)		Ports & interfaces	
Copilot+ PC	✓	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	AMD Ryzen AI	Performance	
Total processor performance up to	80 TOPs	Repairability index	6.6
NPU performance up to	50 TOPs	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	32 GB	Numeric keypad *	✗
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit zone	1-zone RGB
Memory slots	2x SO-DIMM	Copilot key	✓
Maximum internal memory *	64 GB	Software	
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	2 TB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	2 TB	Number of battery cells	4
Number of SSDs installed	2	Battery capacity *	76.1 Wh
SSD capacity	1 TB	Battery weight	275 g
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	150 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	355 mm
On-board graphics card *	✓	Depth	250.7 mm
On-board GPU manufacturer	AMD	Height (front)	1.68 cm
Discrete graphics card *	✓	Height (rear)	2 cm
On-board graphics card family	AMD Radeon	Weight *	1.9 kg
On-board graphics card model *	AMD Radeon 890M	Packaging data	
		Package width	60 mm
		Package depth	520 mm
		Package height	322 mm
		Package weight	3.57 kg
		Other features	
		Warranty period	2 year(s)



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