

**GIGABYTE AERO X16 2WH Gaming Laptop - 16", 165Hz WQXGA, Ryzen AI 9 HX 370, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Pro, 2 Year Warranty, Dolby Atmos, AERO X16 2WHA3UKC65DP**



**Brand :** GIGABYTE

**Product code:** GIGABYTE AERO X16 2WHA3UKC65DP

**Product name :** AERO X16 2WH Gaming Laptop - 16", 165Hz WQXGA, Ryzen AI 9 HX 370, NVIDIA RTX 5070, 32GB DDR5 5600MHz, 2TB Gen4 SSD, Win 11 Pro, 2 Year Warranty, Dolby Atmos, AERO X16 2WHA3UKC65DP

- Windows 11
- AMD Ryzen AI 9 HX 370 Processor
- NVIDIA GeForce RTX 5070 Laptop GPUs
- 16.0" 16:10 WQXGA (2560x1600) 165Hz QHD IPS Display
- WINDFORCE Infinity Cooling
- Over 12 hrs battery life
- Supports Dolby Atmos, Type-C USB4, DDR5 memory, Mux Switch technology

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Combining the latest AMD Ryzen AI 300 Series and NVIDIA GeForce RTX 50 Series GPUs, the AERO X16 delivers powerful performance in a sleek design. Featuring a QHD 165Hz display and GiMATE AI, it's perfect for gaming and creative work on the go.

<b>Design</b>		<b>Audio</b>	
Colour name	Lunar White	Speaker power	2 W
Product type *	Laptop	Built-in microphone	✓
Product colour *	White		
Form factor *	Clamshell		
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
<b>Display</b>		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	<b>Network</b>	
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/m <sup>2</sup>	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.2
Maximum refresh rate	165 Hz	<b>Ports &amp; interfaces</b>	
<b>Processor</b>		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 9 HX	Ethernet LAN (RJ-45) ports	2
Processor model *	370	HDMI ports quantity *	1
Processor cores	12	HDMI version	2.1
Processor threads	24	Combo headphone/mic port	✓
Processor boost frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor frequency *	2 GHz		
Processor cache	36 MB		
Processor cache type	L2 & L3		

<b>Neural processor unit (NPU)</b>		<b>Keyboard</b>	
Neural processor unit (NPU)	AMD Ryzen AI	Pointing device	Touchpad
Total processor performance up to	80 TOPs	Numeric keypad *	✗
NPU performance up to	50 TOPs	Keyboard backlit	✓
<b>Memory</b>		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	DDR5-SDRAM	Keyboard layout	QWERTY
Memory clock speed	5600 MHz	Keyboard language	UK English
Memory layout (slots x size)	2 x 16 GB	Copilot key	✓
Memory slots	2x SO-DIMM	<b>Software</b>	
Maximum internal memory *	64 GB	Copilot+ PC	✓
<b>Storage</b>		Operating system installed *	Windows 11 Pro
Total storage capacity *	2 TB	<b>Battery</b>	
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	<b>Power</b>	
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
<b>Graphics</b>		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	<b>Security</b>	
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR7	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✓	Width	355 mm
On-board GPU manufacturer	AMD	Depth	250.7 mm
Discrete graphics card *	✓	Height (front)	1.68 cm
On-board graphics card model *	AMD Radeon 890M	Height (rear)	2 cm
<b>Audio</b>		Weight *	1.9 kg
Audio system	Dolby Atmos	<b>Packaging data</b>	
Number of built-in speakers	2	Package width	60 mm
		Package depth	520 mm
		Package height	322 mm
		Package weight	3.57 kg
<b>Other features</b>		<b>Other features</b>	
		Warranty period	2 year(s)



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