

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
- 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

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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.

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

Neural processor unit (NPU)		Keyboard	
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	✓
Memory		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	Software	
Maximum internal memory *	64 GB	Copilot+ PC	✓
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 Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Security	
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR7	Weight & dimensions	
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
		Weight *	1.9 kg
Audio		Packaging data	
Audio system	Dolby Atmos	Package width	60 mm
Number of built-in speakers	2	Package depth	520 mm
		Package height	322 mm
		Package weight	3.57 kg
		Other features	
		Warranty period	2 year(s)



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