GIGABYTE

GIGABYTE AERO X16 1VH93USC64AH Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : GIGABYTE

Product code: GIGABYTE AERO X16 1VH93USC64AH

Product name : AERO X16 1VH93USC64AH

- Windows 11
- AMD Ryzen AI 7 350 Processor
- NVIDIA GeForce RTX 5060 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 Gaming Laptop - Copilot+ PC, 16", 165Hz WQXGA, Ryzen AI 7 350, RTX 5060, 32GB DDR5 5200MHz, 1TB Gen4 SSD, Windows 11 Home, Dolby Atmos
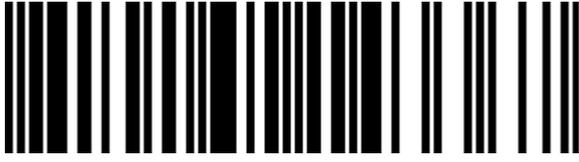
GIGABYTE AERO X16 1VH93USC64AH Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

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

Colour name	Space Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Introduction year	2025
Country of origin	China
Original brand name	GIGABYTE

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:10
Display brightness	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ AI 7
Processor generation	AMD Ryzen AI 300 Series
Processor model *	350
Processor cores	8
Processor threads	16
Processor boost frequency	5 GHz
Processor frequency *	2 GHz
Processor cache	16 MB

Audio

Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB4 Gen 2x2 ports quantity	1
Ethernet LAN (RJ-45) ports	2
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔

Processor

Processor cache type	L3

Neural processor unit (NPU)

Copilot+ PC	✔
Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	66 TOPs
NPU performance up to	50 TOPs

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 860M

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Copilot key	✔

Software

Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	76.1 Wh
Battery weight	275 g

Power

AC adapter power	150 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✔

Security

Trusted Platform Module (TPM)	✔

Weight & dimensions

Width	355 mm
Depth	250.7 mm
Height (front)	1.68 cm
Height (rear)	2 cm
Weight *	1.9 kg

Packaging data

Package width	60 mm
Package depth	520 mm
Package height	322 mm
Package weight	3.57 kg

Packaging content

AC adapter included *	✔

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Catalog Object Cloud