

GIGABYTE AERO X16 1WH Gaming Laptop - 16", 165Hz WQXGA, Ryzen AI 7 350, NVIDIA RTX 5070, 32GB DDR5 5200MHz, 1TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, AERO X16 1WH93UKC64DH

Brand : GIGABYTE

Product code: GIGABYTE AERO X16 1WH93USC94DH

Product name : AERO X16 1WH Gaming Laptop - 16", 165Hz WQXGA, Ryzen AI 7 350, NVIDIA RTX 5070, 32GB DDR5 5200MHz, 1TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, AERO X16 1WH93UKC64DH

- Windows 11 Home
- AMD Ryzen AI 7 350 (16MB Cache, 2GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD

AMD Ryzen AI 7 350 (16MB Cache, 2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, AMD Radeon 860M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home

GIGABYTE AERO X16 1WH Gaming Laptop - 16", 165Hz WQXGA, Ryzen AI 7 350, NVIDIA RTX 5070, 32GB DDR5 5200MHz, 1TB Gen4 SSD, Win 11 Home, 2 Year Warranty, Dolby Atmos, AERO X16 1WH93UKC64DH. 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: 16 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: White



| Design | | Graphics | |
|---------------------------|-------------------------|---|---------------------|
| Colour name | Lunar White | Discrete graphics card * | ✓ |
| Product type * | Laptop | On-board graphics card family | AMD Radeon |
| Product colour * | White | On-board graphics card model * | AMD Radeon 860M |
| Form factor * | Clamshell | Audio | |
| Introduction year | 2025 | Audio system | Dolby Atmos |
| Country of origin | China | Number of built-in speakers | 2 |
| Original brand name | GIGABYTE | Speaker power | 2 W |
| Display | | Built-in microphone | ✓ |
| Display diagonal * | 40.6 cm (16") | Camera | |
| Display resolution * | 2560 x 1600 pixels | Front camera | ✓ |
| Touchscreen * | ✗ | Front camera resolution | 1920 x 1080 pixels |
| HD type | WQXGA | Front camera HD type | Full HD |
| Panel type | IPS | Infrared (IR) camera | ✓ |
| Native aspect ratio | 16:10 | Network | |
| Display brightness | 400 cd/m² | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| RGB colour space | sRGB | Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Colour gamut | 100% | Mobile network connection * | ✗ |
| Maximum refresh rate | 165 Hz | Antenna type | 2x2 |
| Processor | | Ethernet LAN | ✓ |
| Processor manufacturer * | AMD | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Processor family * | AMD Ryzen AI 7 | Bluetooth | ✓ |
| Processor generation | AMD Ryzen AI 300 Series | Bluetooth version | 5.2 |
| Processor model * | 350 | Ports & interfaces | |
| Processor cores | 8 | USB 2.0 ports quantity * | 1 |
| Processor threads | 16 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor boost frequency | 5 GHz | | |
| Processor frequency * | 2 GHz | | |
| Processor cache | 16 MB | | |

| Processor | | Ports & interfaces | |
|-----------------------------------|-------------------------|---------------------------------------|------------------------|
| Processor cache type | L3 | Ethernet LAN (RJ-45) ports | 2 |
| Neural processor unit (NPU) | | HDMI ports quantity * | 1 |
| Copilot+ PC | ✓ | HDMI version | 2.1 |
| Neural processor unit (NPU) | AMD Ryzen AI | Combo headphone/mic port | ✓ |
| Total processor performance up to | 66 TOPs | USB Type-C DisplayPort Alternate Mode | ✓ |
| NPU performance up to | 50 TOPs | Keyboard | |
| Memory | | Pointing device | Touchpad |
| Internal memory * | 16 GB | Numeric keypad * | ✗ |
| Internal memory type | DDR5-SDRAM | Keyboard backlit | ✓ |
| Memory clock speed | 5600 MHz | Keyboard backlit colour | RGB |
| Memory slots | 2x SO-DIMM | Keyboard backlit zone | 1-zone RGB |
| Maximum internal memory * | 64 GB | Copilot key | ✓ |
| Storage | | Software | |
| Total storage capacity * | 1 TB | Operating system installed * | Windows 11 Home |
| Storage media * | SSD | Battery | |
| Total SSDs capacity | 1 TB | Battery technology | Lithium Polymer (LiPo) |
| Number of SSDs installed | 1 | Number of battery cells | 4 |
| SSD capacity | 1 TB | Battery capacity * | 76.1 Wh |
| 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 |
| | | Height (front) | 1.68 cm |
| | | Height (rear) | 2 cm |
| | | Weight * | 1.9 kg |

Catalog Object Cloud



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