ALIENWARE

# Alienware Aurora R16 Intel® Core™ i7 i7-14700F 32 GB DDR5-SDRAM 2 TB HDD+SSD NVIDIA GeForce RTX 4070 Windows 11 Home Escritorio PC Negro

**Marca :** Alienware

**Código del producto:**
AR16_I7321SSD1T4070BW11S_224

**Nombre del producto :** Aurora R16

- Windows 11 Home 64-bit
- Intel Core i7-14700F (33MB Cache)
- NVIDIA GeForce RTX 4070 (12GB GDDR6X)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB HDD, 1000GB SSD
Intel Core i7-14700F (33MB Cache), 32GB DDR5-SDRAM, 1000GB HDD, 1000GB SSD, NVIDIA GeForce
RTX 4070 (12GB GDDR6X), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

Alienware Aurora R16 Intel® Core™ i7 i7-14700F 32 GB DDR5-SDRAM 2 TB HDD+SSD NVIDIA GeForce
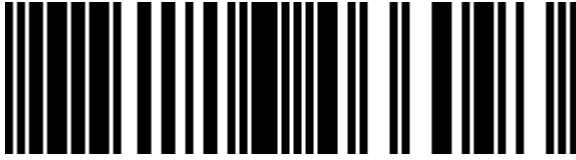RTX 4070 Windows 11 Home Escritorio PC Negro:

**Optimizado para todos los jugadores**
Experimenta un equipo de sobremesa para gaming hecho para rendir con un diseño eficiente, con
elementos térmicos optimizados y ruido reducido.

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | Intel® Core™ i7 (14th gen) |
| Processor model * | i7-14700F |
| Processor cores | 20 |
| Processor threads | 28 |
| Processor boost frequency | 5.4 GHz |
| Performance cores | 8 |
| Efficient cores | 12 |
| Performance-core Max Turbo Frequency | 5.3 GHz |
| Efficient-core Max Turbo Frequency | 4.2 GHz |
| Performance-core base frequency | 2.1 GHz |
| Efficient-core base frequency | 1.5 GHz |
| Processor cache | 33 MB |
| Processor cache type | Smart Cache |
| Number of processors installed | 1 |
| Processor base power | 65 W |
| Maximum turbo power | 219 W |

## Memory

| | |
|---|---|
| Internal memory * | 32 GB |
| Maximum internal memory * | 64 GB |
| Internal memory type | DDR5-SDRAM |
| Memory layout (slots x size) | 2 x 16 GB |
| Memory slots | 2x DIMM |
| Memory channels | Dual-channel |
| Memory data transfer rate | 5600 MT/s |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 5 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 2 |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| Microphone in | ✔ |
| Headphone outputs | 1 |
| Line-out | ✔ |
| Line-in | ✔ |
| S/PDIF out port | ✔ |

## Expansion slots

| | |
|---|---|
| PCI Express x4 (Gen 3.x) slots | 2 |
| PCI Express x16 (Gen 5.x) slots | 1 |

## Design

| | |
|---|---|
| Chassis type * | Desktop |
| Colour name | Basalt Black |
| Placement supported | Vertical |
| Water cooling system | ✔ |
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| Product colour * | Black |

## Performance

| | |
|---|---|
| Market positioning | Gaming |
| Motherboard chipset | Intel Z690 |

## Storage

| | |
|---|---|
| Total storage capacity * | 2 TB |
| Storage media * | HDD+SSD |
| Optical drive type * | ✘ |
| Number of storage drives installed | 2 |
| Total HDDs capacity | 1 TB |
| Number of HDDs installed | 1 |
| HDD capacity | 1 TB |
| HDD interface | SATA III |
| HDD speed | 7200 RPM |
| Total SSDs capacity | 1 TB |
| Number of SSDs installed | 1 |
| SSD capacity | 1 TB |
| SSD interface | PCI Express |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Card reader integrated | ✘ |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✔ |
| On-board graphics card * | ✘ |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 |
| Discrete graphics card memory | 12 GB |
| Discrete graphics memory type | GDDR6X |
| On-board graphics card model * | Not available |
| Graphics card HDMI ports quantity | 1 |
| Graphics card DisplayPorts quantity | 3 |

## Network

| | |
|---|---|
| Ethernet LAN * | ✔ |
| Ethernet LAN data rates | 10,100,1000,2500 Mbit/s |
| LAN controller | Killer E3100G |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) |
| WLAN controller manufacturer | Killer |
| WLAN controller model | Killer Wi-Fi 6E AX1675 |
| Antenna type | 2x2 |
| Bluetooth | ✔ |

## Performance

| | |
|---|---|
| Audio chip | Realtek ALC1220 |
| Audio output channels | 7.1 channels |
| Password protection | ✔ |
| BIOS type | EEPROM |
| Trusted Platform Module (TPM) | ✔ |
| Product type * | PC |

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Home |
| Operating system architecture | 64-bit |
| Operating system language | English, Spanish, French |
| Trial software | Microsoft Office 30 Day Trial |

## Power

| | |
|---|---|
| Power supply * | 1000 W |
| Power supply input voltage | 90 - 264 V |
| Power supply input frequency | 47 - 63 Hz |
| 80 PLUS certification | 80 PLUS Platinum |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 10 - 35 °C |
| Storage temperature (T-T) | -40 - 65 °C |
| Operating relative humidity (H-H) | 20 - 80% |
| Storage relative humidity (H-H) | 5 - 95% |
| Operating altitude | -15.2 - 3048 m |
| Non-operating altitude | -15.2 - 10668 m |
| Operating vibration | 0.26 G |
| Non-operating vibration | 1.37 G |
| Operating shock | 40 G |
| Non-operating shock | 105 G |

## Weight & dimensions

| | |
|---|---|
| Width * | 197 mm |
| Depth * | 458.4 mm |
| Height * | 418 mm |
| Weight * | 15.4 kg |

## Packaging content

| | |
|---|---|
| Mouse included on selected markets only | ✔ |
| Keyboard included on selected markets only | ✔ |
| Cables included | AC |

## Display

| | |
|---|---|
| Display included * | ✘ |

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