

## AC16250\_RPLH-R\_007

Alienware 16 Aurora AC16250 Core 2 Notebook Core 7 240H 5.2Ghz 16GB 1TB 16" WQXGA RTX 4050 6GB BT Win 11 Pro

### Product Overview

Alienware 16 Aurora AC16250 Series Core Series 2 AC16250\_RPLH-R\_007 Indigo Notebook, Intel Core 7 240H Series 2 Ten (10) Core Raptor Lake Turbo Boost up to 5.2Ghz 24MB L3 Cache Processor (6 Performance Cores & 4 Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (2x8GB), Supports 64GB Max Mem, 2 Memory slots, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive ( No CD), 16" WQXGA (2560 x 1600 resolution) ComfortView 300nits 120Hz LED Backlit Display, nVidia Geforce RTX 4050 with 6GB dedicated graphics, Wi-Fi 7, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 6 Cell Battery, Backlit Keyboard, Full Size Keyboard with Numpad, 2x USB 3.2 Gen 1 (5 Gbps) ports, 1x USB 3.2 Gen 2 (10 Gbps) Type-C port with DisplayPort 1.4a ports, 1x USB 3.2 Gen 2 (10 Gbps) Type-C port with Power Delivery, HDMI output, 2.6 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Next Business Day On-site warranty





## Specifications

### Summary Overview:

The Alienware 16 Aurora is a powerful and refined gaming laptop built for users who want premium performance in a modern 16-inch design. With an Intel Core 7 Series 2 processor, NVIDIA GeForce RTX 4050 graphics, fast DDR5 memory and a sharp WQXGA 120Hz display, it delivers smooth gameplay and responsive everyday performance. Whether you are upgrading your setup or buying your next performance machine, this Alienware laptop is ready to impress-shop now and experience next-level computing.

Buyers looking to purchase in South Africa will appreciate the balance of power, portability and build quality. The Alienware 16 Aurora suits gamers, content creators and professionals who need strong graphics performance for work and play. Buy now to enjoy a premium Windows 11 Pro laptop designed to handle demanding tasks with ease.

Customer reviews of the Alienware 16 Aurora series highlight its strong gaming performance, excellent display quality and solid thermal management. Gamers praise the smooth frame rates and immersive visuals, while creators and power users value its speed, reliability and upgrade potential. It is especially popular with competitive gamers, students in creative fields and professionals who want a high-performance laptop that can do it all.

**Laptop performance tier:**High-performance gaming

**Uses:**Gaming, content creation, video editing, 3D work, streaming, professional multitasking

### Overview:

#### Alienware 16 Aurora Gaming Notebook Built for Power and Mobility

The Alienware 16 Aurora AC16250 is designed for users who want desktop-class performance in a refined, portable notebook. With a 16 inch high resolution display, advanced Intel Core processing, and dedicated NVIDIA graphics, this laptop balances raw power with everyday usability. It suits demanding gaming sessions, creative workloads, and professional multitasking without feeling bulky or overstated.

At its core, the system combines a modern Intel Core 7 Series 2 processor with fast DDR5 memory and PCIe solid state storage. The result is a responsive laptop that boots quickly, handles intensive applications smoothly, and stays efficient during extended use. Its clean design and premium build make it equally comfortable in a gaming setup or a work environment.

### Features:

#### Strong Performance for Gaming and Creative Work

Powered by the Intel Core 7 240H processor with ten cores, the Alienware 16 Aurora delivers high clock speeds and intelligent core management. Performance cores handle demanding tasks, while efficient cores keep background processes running smoothly. This setup is ideal for gaming, streaming, content creation, and heavy multitasking.

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Paired with 16GB of DDR5 memory running at 5600MHz, the system feels fast and fluid in everyday use. Memory can be expanded up to 64GB, giving users flexibility for future upgrades.

#### Dedicated NVIDIA Graphics for Smooth Visuals

The NVIDIA GeForce RTX 4050 with 6GB of dedicated video memory brings modern gaming and creative acceleration to this notebook. Ray tracing, AI-assisted rendering, and hardware acceleration improve realism and responsiveness across supported games and applications. Whether editing video, working in 3D software, or playing the latest titles, graphics performance remains consistent and smooth.

#### High Resolution 16 Inch Display Experience

The 16 inch WQXGA display offers a 2560 x 1600 resolution that provides extra vertical space for productivity and immersive visuals for gaming. A 120Hz refresh rate ensures fluid motion, while 300 nits of brightness and ComfortView technology support extended viewing sessions. The LED backlit panel delivers sharp detail and balanced color for both work and entertainment.

#### Fast Storage and Upgrade Options

A 1TB PCIe solid state drive ensures quick load times and ample space for games, software, and large files. The M.2 2280 slot provides fast data access and responsiveness. With dual memory slots and support for additional storage upgrades, the Alienware 16 Aurora is built to grow with your needs.

#### Cooling Designed for Sustained Performance

Advanced thermal engineering keeps the system running efficiently during long sessions. Optimized airflow, internal heat pipes, and intelligent fan control help maintain stable performance without excessive noise. This allows the CPU and GPU to perform at higher levels for longer periods.

#### Connectivity for Modern Setups

Wireless connectivity includes Wi-Fi 7 and Bluetooth, offering fast and stable connections for online gaming, streaming, and peripherals. Wired networking is supported through a Gigabit Ethernet port for reliable low latency connections.

Available ports include:

- USB 3.2 Gen 1 Type-A ports
- USB 3.2 Gen 2 Type-C port with DisplayPort 1.4a
- USB 3.2 Gen 2 Type-C port with Power Delivery
- HDMI output
- Headset jack
- RJ-45 Ethernet

This wide selection makes it easy to connect external displays, storage devices, and accessories.

#### Designed for Daily Use and Travel

Weighing around 2.6 kg, the Alienware 16 Aurora remains portable enough for travel while still offering a full size layout with a numeric keypad. The backlit keyboard supports comfortable use in low light environments, and the integrated webcam makes it suitable for meetings and online communication.

#### Windows 11 Professional Ready

Running Windows 11 Professional 64 bit, the system benefits from modern multitasking tools, enhanced security features, and improved gaming support. The operating system integrates smoothly with the hardware for a responsive and intuitive experience.

#### Why the Alienware 16 Aurora Stands Out

- Powerful Intel Core Series 2 processing
- NVIDIA GeForce RTX graphics for gaming and creative work
- High resolution 120Hz display for smooth visuals
- Fast SSD storage with upgrade flexibility
- Strong connectivity for home and professional use
- Premium build with portable design

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Product Specification Sheet

The Alienware 16 Aurora AC16250 is a versatile gaming notebook that delivers high performance, visual clarity, and long-term flexibility in a well-balanced package.

Specifications:

|                     |                                                                          |
|---------------------|--------------------------------------------------------------------------|
| Processor           | Intel Core Processor (Series 2)                                          |
| Operating System    | Windows 11 Home / Pro                                                    |
| Graphics Card       | NVIDIA GeForce RTX 4050, 6 GB GDDR6                                      |
|                     | NVIDIA GeForce RTX 5060, 8 GB GDDR7                                      |
|                     | NVIDIA GeForce RTX 5070, 8 GB GDDR7                                      |
| Display             | 16", WQXGA, 120Hz, 300 nits, 100% sRGB, ComfortView Plus                 |
| Memory              | DDR5, 5600 MT/s, 2 slots                                                 |
| Storage             | M.2 PCIe NVMe SSD                                                        |
| Keyboard            | Alienware White Backlit Keyboard, English US                             |
| Mouse               | No Mouse                                                                 |
| Ports               | 2 USB 3.2 Gen 1 (5 Gbps) ports                                           |
|                     | 1 USB 3.2 Gen 2 (10 Gbps) Type-C port with DisplayPort 1.4a ports        |
|                     | 1 USB 3.2 Gen 2 (10 Gbps) Type-C port with Power Delivery                |
|                     | 1 HDMI 2.1 port with Discrete Graphics Controller Direct Output          |
|                     | 1 universal audio jack (RCA, 3.5 mm)                                     |
|                     | 1 RJ45 Ethernet port, 1GbE                                               |
|                     | 1 power-adapter port                                                     |
| Slots               | No slots                                                                 |
| Dimensions & Weight | Height (rear): 0.60 in. (15.20 mm)                                       |
|                     | Height (peak): 0.89 in. (22.70 mm)                                       |
|                     | Height (front): 0.73 in. (18.61 mm)                                      |
|                     | Width: 14.05 in. (356.98 mm)                                             |
|                     | Depth: 10.45 in. (265.43 mm)                                             |
|                     | Starting weight: 5.49 lb (2.49 kg)                                       |
|                     | Maximum weight: 5.68 lb (2.57 kg)                                        |
|                     | 130W power adapter: 1.15 lb (0.52 kg)                                    |
|                     | 180W power adapter: 1.25 lb (0.58 kg)                                    |
| Touchpad            | Multi-touch gesture Premium Precision touchpad with integrated scrolling |
| Camera              | 720p at 30 fps HD camera, Dual-array microphones                         |
| Audio and Speakers  | Stereo speakers, Realtek AL3204 Audio Controller, 2 W x 2 = 4 W total    |
| Chassis             | Interstellar Indigo                                                      |
| Wireless            | MediaTek Wi-Fi 7 MT7925, 2x2, 802.11be, MU-MIMO, Bluetooth wireless card |

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Product Specification Sheet

### Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:** [https://www.comx-computers.co.za/Buy-Notebooks-Laptops-AC16250\\_RPLH-R\\_007-Alienware-lp-333203.php](https://www.comx-computers.co.za/Buy-Notebooks-Laptops-AC16250_RPLH-R_007-Alienware-lp-333203.php)

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