ComX Computers
Product Specification Sheet

AC16250_RPLH-R_010

Alienware 16 Aurora AC16250 Core 2 Notebook Core 7 240H 5.2Ghz 32GB 1TB 16" WQXGA RTX 5060 8GB BT Win 11 Pro

Product Overview

Alienware 16 Aurora AC16250 Series Core Series 2 AC16250_RPLH-R_010 Indigo Notebook, Intel Core 7 240H Series 2 Ten (10) Core Raptor Lake Turbo Boost up to 5.2Ghz 24MB L3 Cache Processor (6 Perfomance Cores & 4 Efficient Cores), 32GB DDR5-5600 SO-Dimm Memory (2x16GB), 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) ComfortViewPlus 300nits 120Hz LED Backlit Display, nVidia Geforce RTX 5060 with 8GB 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 gaming laptop offers premium performance and sleek design for gamers looking to level up their gaming experience. Equipped with an Intel Core i7 processor, NVIDIA GeForce RTX 5060 graphics, and a stunning 16" WQXGA display, it delivers fast, immersive gameplay for both casual and competitive players. With advanced thermal cooling and customizable settings, this laptop is built to handle even the most demanding games. Whether you're gaming, streaming, or multitasking, the Alienware 16 Aurora delivers the speed and power you need. Buy now and experience next-level gaming performance.

Customers who have reviewed the Alienware 16 series appreciate its powerful gaming capabilities, sleek design, and top-tier graphics performance. Gamers and professionals looking for high-performance laptops for gaming, content creation, and work tasks are particularly drawn to this model for its smooth gameplay and reliability during extended sessions.

Laptop performance tier: Premium

Uses: Gaming, content creation, multitasking, streaming, video editing, 3D rendering

Overview:

Alienware 16 Aurora Gaming Laptop: Performance Meets Precision

Model: AC16250

The Alienware 16 Aurora gaming laptop delivers uncompromising performance in a sleek, compact design. Equipped with Intel Core processors (Series 2) and a stunning 16-inch WQXGA display, this laptop is built to elevate your gaming experience with high-end graphics, a powerful cooling system, and cutting-edge features that push the boundaries of mobile gaming.

Features:

Powerful Performance in a Streamlined Design

The Alienware 16 Aurora is engineered to give gamers everything they need for high-performance gaming on the go. Featuring Intel Core processors and a range of NVIDIA GeForce RTX 40 and 50 Series GPUs, it ensures smooth gameplay and immersive visuals across all your favorite titles. Whether you're gaming, streaming, or multitasking, this laptop offers the speed and power you demand.

Maximized Cooling for Extended Play

Thanks to the innovative Cryo-Chamber design, the Alienware 16 stays cool even under the most intense gaming sessions. Air is carefully directed through multiple exhaust vents to prevent overheating, ensuring your system runs smoothly, quietly, and efficiently. This advanced thermal system allows you to play demanding games for hours without sacrificing performance.

Brilliant Visuals for Immersive Gaming

The 16-inch WQXGA display with 120Hz refresh rate and 300 nits of brightness delivers vibrant, lifelike visuals. Whether you're battling it out in a fast-paced shooter or exploring an open-world adventure, the high-definition screen ensures every detail is sharp and clear, enhancing your overall gaming experience.

Game-Changing Graphics with NVIDIA RTX

The Alienware 16 Aurora supports the latest NVIDIA GeForce RTX 4050 and 50 Series GPUs, designed to bring the future of gaming to your fingertips. With cutting-edge ray tracing, AI-powered performance boosts, and ultra-realistic graphics, the 16 Aurora redefines what's possible in mobile gaming.

- Ray Tracing: Immerse yourself in cinematic realism with advanced light reflections and intricate shadow details.
- AI-Boosted Gameplay: Maximize performance with DLSS 4 and enhanced Ray Reconstruction for smoother gameplay and stunning visuals.
- NVIDIA Reflex Technology: Enjoy competitive advantages with reduced input latency and faster response times.

Enhanced Power Efficiency for All-Day Play

The Alienware 16 Aurora strikes a perfect balance between performance and battery life. With up to 115W Total Performance Power (TPP), the laptop delivers optimal GPU, CPU, and memory performance to handle everything from AAA games to multitasking with ease.

- Up to 85W GPU Power: Experience smoother, more responsive gameplay with higher graphics performance.
- Up to 45W CPU Power: Focus on real-time processing tasks without delay, thanks to dedicated CPU thermal power.

Future-Proof Design with Easy Upgrades

Built for longevity, the Alienware 16 features two PCIe Gen 4 SSD slots and two DDR5 SO-DIMM memory slots, both of which are user-upgradable. This makes it easy to expand your storage and memory to meet future gaming and multitasking demands, ensuring the laptop stays ahead of the curve.

Superior Cooling for Intensive Gaming

To maintain high performance during prolonged use, Alienware's Cryo-Tech cooling technology optimizes airflow and reduces heat. Dual ultra-thin fans work in tandem with copper heat pipes to draw in cool air and expel heat, allowing the laptop to run quieter and cooler for longer.

- Dual Fans with Ultra-Thin Blades: Efficiently circulate air, ensuring your system remains cool even during demanding gameplay.
- Copper Heat Pipes: Quickly dissipate heat from the CPU and GPU, preventing thermal throttling and maintaining consistent performance.

Customizable Control with Alienware Command Center

The Alienware Command Center gives you total control over your laptop's performance and lighting. With features like performance presets, AlienFX lighting customization, and real-time performance overlays, you can fine-tune the system to meet your specific gaming needs.

- AlienFX Lighting: Personalize your gaming experience with customizable lighting across your Alienware devices.
- Performance Presets: Adjust settings to optimize performance for specific games or tasks.
- Performance Overlay: Monitor CPU, GPU, memory, and thermal stats while gaming, without leaving the action.

Windows 11 Integration for Seamless Multitasking

The Alienware 16 runs on Windows 11, offering a modern, intuitive interface designed for multitasking. With the Windows Copilot Key, you can access your personal AI assistant at any time for quick solutions, inspiration, and real-time help. Plus, with the flexibility of PC Game Pass, you can enjoy a massive library of games, including new releases and blockbusters.

Connectivity and Ports

Whether you're connecting peripherals or external monitors, the Alienware 16 offers a wide range of ports for seamless connectivity:

Rear Ports

- 1 x USB Type-A 3.2 Gen 1 Port

- 2 x USB Type-C 3.2 Gen 2 (DisplayPort 1.4)
- 1 x HDMI 2.1 (dGPU)
- 1 x Power/DC-in Port

Left Ports

- 1 x RJ-45 Ethernet
- 1 x USB Type-A 3.2 Gen 1 Port
- 1 x Global Headset Jack

Design and Build Quality

The Alienware 16 features a sleek design with a premium anodized aluminum lid that combines both form and function. Its compact size makes it easy to slip into a backpack, while its advanced thermal design ensures long-lasting durability and performance.

- Dimensions- Height (max): 0.89 in. (22.70 mm)
- Depth: 10.45 in. (265.43 mm)
- Width: 14.05 in. (356.98 mm)
- Weight- 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)

Conclusion

The Alienware 16 Aurora offers an unparalleled gaming experience with cutting-edge performance, stunning graphics, and innovative cooling technology, all within a sleek and portable design. With advanced AI-driven features, customizable settings, and future-proof upgrade options, this laptop is built to meet the needs of gamers today and tomorrow. Whether you're a casual gamer or a professional esports competitor, the Alienware 16 delivers everything you need to take your gaming to the next level.

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

Product Information Online

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

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-AC16250_RPLH-R_010-Alienware-lp-331864.php

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