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Dell Alienware Aurora R13 Datasheet

Overview

- **Model:** Alienware Aurora R13

- **Type:** Gaming Desktop

- **Release Year:** 2021 (12th Gen Intel)

- **OS Options:** Windows 10/11 (64-bit)

- **Chassis Design:** Legend 2.0, Mid-Tower, AlienFX RGB Lighting

Processor (CPU)

- **Brand:** Intel Core 12th Gen (Alder Lake)

- **Options:**

  - Intel Core i5-12600KF (10-core, 3.7GHz up to 4.9GHz)

  - Intel Core i7-12700KF (12-core, 3.6GHz up to 5.0GHz)

  - Intel Core i9-12900KF (16-core, 3.2GHz up to 5.2GHz)

Graphics (GPU)

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Options:

- NVIDIA GeForce RTX 3060 Ti (8GB GDDR6)

- NVIDIA GeForce RTX 3070 (8GB GDDR6)

- NVIDIA GeForce RTX 3080 (10GB GDDR6X)

- NVIDIA GeForce RTX 3090 (24GB GDDR6X)

- AMD Radeon RX 6700 XT (12GB GDDR6)

- AMD Radeon RX 6800 XT (16GB GDDR6)

Memory (RAM)

- **Type:** DDR5

- **Capacity:** Up to 128GB

- **Speed:** 4400MHz (configurable)

- **Slots:** 4 DIMMs (Dual-Channel)

Storage

- **Primary SSD:**

  - 256GB/512GB/1TB/2TB NVMe PCIe Gen4 SSD

- **Secondary Storage Options:**

  - 1TB/2TB 7200RPM HDD

  - Additional M.2 SSD slots available

Power Supply (PSU)

- **Wattage Options:**

  - 550W / 750W / 1000W (80+ Platinum Certified)

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Modular Design: Yes

Cooling System

- **Standard:** Air Cooling (Alienware Cryo-Tech)

- **Optional:** Liquid Cooling (for high-end CPUs)

Connectivity & Ports

Front I/O:

- 1x USB 3.2 Gen 2 Type-C (20Gbps)

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1x USB 3.2 Gen 1 Type-A

- 1x Headphone/Mic Combo Jack

Rear I/O:

- **USB:**

  - 4x USB 3.2 Gen 1 Type-A

  - 2x USB 2.0

  - 1x USB 3.2 Gen 2x2 Type-C (20Gbps)

- **Audio:** 7.1 Channel HD Audio

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Networking:

- Killer Ethernet E3100 (2.5Gbps)

- Wi-Fi 6 (Intel AX1675) + Bluetooth 5.2

Graphics Ports (Varies by GPU):

- DisplayPort, HDMI, USB-C (DP Alt Mode)

Expansion Slots

- **PCIe Slots:**

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1x PCIe 5.0 x16 (Primary GPU)

- 1x PCIe 4.0 x4 (Secondary)

- **Storage Expansion:**

  - Up to 4x M.2 NVMe SSDs

  - 2x 3.5" HDD Bays

Dimensions & Weight

- **Height:** 569.3 mm (22.4 in)

- Width: 252 mm (9.9 in)

- Depth: 528.7 mm (20.8 in)

- Weight: ~18.5 kg (40.8 lbs)

Special Features

- AlienFX RGB Lighting: Customizable zones

- Tool-less Upgradability: Easy-access side panel

- Alienware Command Center: System monitoring & OC controls

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Killer Networking: Prioritizes gaming traffic

Warranty

- **Standard:** 1-Year Limited Hardware Warranty

- **Extended Options:** Up to 4 Years

Price Range (MSRP at Launch)

- **Base Model:** ~RS 1,27,532.14 (i5, RTX 3060 Ti, 16GB RAM, 512GB SSD)

- **High-End:** ~RS 3,40,312.58+ (i9, RTX 3090, 64GB RAM, 2TB SSD + 2TB HDD)