

## Alienware Unleashes the Ultimate AMD Advantage Laptop and Industry-First 480Hz Display Technology

July 19, 2022

ROUND ROCK, Texas, July 19, 2022 /PRNewswire/ -- Today, Alienware reaches new milestones with the launch of the most powerful 17" [AMD Advantage™](#) laptop, introduction of the standard-defying 480Hz panel technology for the first time and unveiling of our first-ever 16-inch Dell G Series laptop. We continue to hold true to the Alienware ethos of creating the apex gaming experience. These advancements are dedicated to making your images sharper, your gameplay smoother, and your experience more immersive through a perfect storm of industry leading gaming technology and iconic design.



### **Alienware m17 R5: the ultimate AMD Advantage Laptop**

For those who value raw power, the [Alienware m17 R5](#) is the laptop for you. It claims the throne as the world's most powerful 17" AMD Advantage laptop, delivering truly remarkable performance.

The m17 R5 is forged from a partnership with AMD that features AMD Ryzen™ 6000 series processors, AMD Radeon™ RX 6000 series graphics, and new AMD Smart Technologies. Today's update welcomes the new AMD Radeon™ RX 6850M XT 12GB GDDR6 GPU to the configuration lineup.

Here's a refresher on all the **AMD Smart Technologies** we proudly offer with Alienware m17 R5 on select configurations:

- **AMD SmartShift Max:** Dynamic power shifting between a Radeon GPU and APU boosts performance for gaming, rendering and content creation.
- **AMD SmartAccess Graphics:** Improve frame rates, reduce latency and save battery by enabling discrete Radeon graphics or Ryzen graphics to handle rendering and presentation while maintaining AMD FreeSync™. Only available with select models.<sup>ii</sup>
- **AMD Smart Access Memory:** Get an extra edge when your Ryzen processors are able to harness the full potential of the Radeon graphics card memory.
- **AMD FreeSync™ Premium** Put an end to choppy gameplay with fluid, artifact-free performance at virtually any framerate. This adaptive sync technology matches the refresh rate of your graphics and your display for buttery smooth gameplay.

The Alienware m17 R5 delivers extreme speeds and response times so you can play your favorite titles with smooth gameplay, it will feel like the game's become an extension of your senses. The m17 R5 is also stacked with Alienware Cryo-tech cooling technology with a built-in graphics vapor chamber<sup>iii</sup> to sustain high-performance when playing graphically intensive games.

## **480Hz displays make soft landing in Alienware m17 R5 and x17 R2**

Now available with [Alienware m17 R5](#) and [Alienware x17 R2](#) gaming laptops, gamers will make first contact with a brand-new display technology. Our **FHD (1920 x 1080) 480Hz 3ms panels** bring a multitude of gameplay benefits including: animation smoothness for easier target tracking, ghosting reduction which minimizes distracting effects, and lower system latency making it easier for you to spot other players earlier.

While any gamer can benefit from the smooth frame rates this 480Hz panel provides, competitive gamers that play fast paced games will notice the advantages of the high-refresh rates immediately. These panels are enabled for both, AMD FreeSync™ and NVIDIA G-SYNC with Advanced Optimus. Within this current graphics generation, any gamer who plays popular esports game titles can unlock the full advantages of 480Hz displays.

Our first 480Hz is purpose built with premium experiences such as:

- **Advanced Optimus:** Automatically controls the built-in hardware MUX to disable the iGPU and use the system's more powerful dGPU, which gives additional control over game performance and battery life.
- **ComfortView Plus:** A built-in, always-on, hardware-based low blue light solution that doesn't compromise true-to-life color accuracy.
- **Dolby Vision:** Brings optimal color profiles and contrast that goes well beyond the capabilities of traditional high dynamic range (HDR).

Alternatively, we offer UHD (3840 x 2160) 120Hz 3ms displays on m17 R5 and x17 R2 laptops for those more interested in a higher-resolution panel over faster refresh rates.

## **Our first-ever 16-inch gaming panel in a 15-inch chassis, introducing the Dell G16**

The new **Dell G16** is designed for PC gamers who need the essential gaming features and want mobility and performance without sacrificing screen size.

The G16 offers a sleek gaming-inspired design with a smooth, modern aluminum cover available in Obsidian Black with an iridescent logo. The laptop also features a 16-inch panel in a 15-inch chassis with a 16:10 aspect ratio to provide gamers 11% more screen than the G15's 16:9 display, netting a larger gaming and cinematic experience. The larger viewing area is complimented by 3-sided narrow bezels and fitted with a QHD+ (2560x1600) 165Hz display that hits a sweet spot between high resolution and high frame rates. Advanced Optimus allows the G16 to switch between the integrated GPU and the discrete NVIDIA RTX graphics card as needed, which can help improve battery life and deliver a smooth gaming experience.

Under the hood, the G16 is equipped with Alienware-inspired thermals such as copper pipes, four vents and ultra-thin fan blades to optimize cooling and maximize airflow for consistent high-end gaming performance. It's armed with a 12th Gen Intel® Core™ i7-12700H 14-core processor and up to a NVIDIA® GeForce® RTX 3070 Ti Laptop GPU. To ensure your machine is running optimally during intense raids and boss encounters, activate the "Game Shift" key in the F9 position which instantly cranks up cooling performance.

G16 takes a few other pages from the Alienware playbook including:

- **Alienware Command Center:** Provides easy access to game settings, peripheral lighting settings, Dolby Audio, and a game library for seamless customization.
- **New Keyboard options including CherryMX:** Option for one zone, per-key RGB, or [CherryMX ultra-low profile mechanical keyboard](#), all options full-sized with completely customizable layouts.

## **For More Information**

To learn more about our new laptops, you can check out our [press kit here](#).

## **Pricing & Availability**

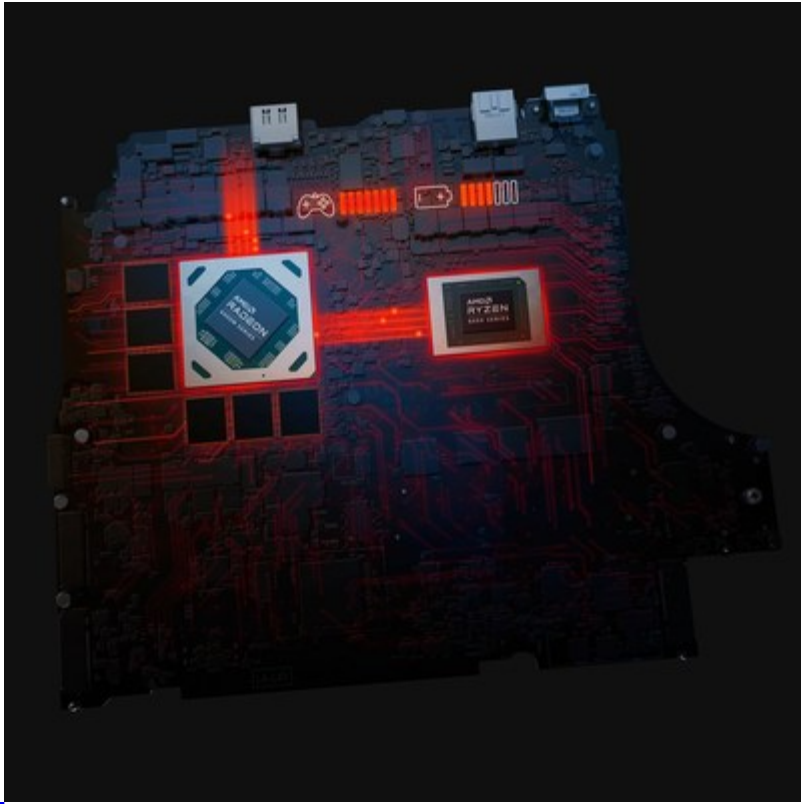
- The Alienware m17 R5 is [available now](#).
- The Alienware x17 R2 is [available now](#).
- The Dell G16 is available on July 21 at a starting price of USD \$1,399 or CAD \$1,799.

<sup>i</sup> Based on internal analysis, May 2022.

<sup>ii</sup> AMD Smart Access Graphics is only available when selecting the UHD 120Hz display option and AMD Radeon™ graphics.

<sup>iii</sup> Available only with configurations that offer the AMD Radeon™ RX 6850M XT 12GB GDDR6 graphics card.





**DELL** Technologies

View original content to download multimedia: <https://www.prnewswire.com/news-releases/alienware-unleashes-the-ultimate-amd-advantage-laptop-and-industry-first-480hz-display-technology-301588638.html>

SOURCE Dell Technologies