

## How Big Is the iPhone 17 Pro Max Screen Size — Full Details

The latest flagship from Apple, the iPhone 17 Pro Max, draws attention not only for its improved performance and camera upgrades but also for its display size. If you're wondering how big the iPhone 17 Pro Max screen is in 2025 — its diagonal measurement, resolution and what that means in daily use — this article will break it down in simple, clear terms.

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### Display size and technical specs

The screen of the **iPhone 17 Pro Max** is officially specified as an all-screen OLED of 6.9 inches diagonally.

Because the display has rounded corners (a design detail Apple uses on its flagships), if you imagine the display inside a standard rectangle, its diagonal is slightly larger — about 6.86 inches. That number helps compare with older phones that had rectangular displays.

The screen resolution is 2868 × 1320 pixels. That, combined with a pixel density of 460 ppi, means images and text on the screen are very sharp.

### What those numbers really mean in real-world use

A 6.9-inch display puts the iPhone 17 Pro Max into the “phablet” category — large enough that watching videos, browsing the web, reading or working with documents feels more immersive than on a typical “standard” phone. For many users, this is close to the lower end of small tablet territory, which makes the device especially useful for media consumption, creative work, or multitasking.

At 460 ppi resolution, the display delivers crisp visuals. Whether you're reading text, viewing photos, or watching high-resolution videos, individual pixels are virtually invisible — resulting in smooth, clear imagery. For reference: this pixel density is more than enough to make even fine fonts look clean, and detailed images stay sharp even when zoomed in.

The slightly reduced “actual viewable” area (due to rounded corners) doesn't noticeably affect everyday use. Most apps, system UI and media fill the screen without awkward black areas, so the 6.9-inch spec remains a good practical indicator of usable space.

### Additional display characteristics worth knowing

Beyond just size and resolution, the iPhone 17 Pro Max display brings a host of modern display technologies. Some of the key features:

- Support for adaptive refresh rates (up to 120 Hz), which makes scrolling, animations and general usage feel fluid and responsive.
- OLED panel with high contrast ratio, wide color gamut (P3), and brightness levels capable of reaching high nit

values — ensuring that the screen looks vibrant both indoors and outdoors.

- Features like “Always-On” display and “Dynamic Island” support — meaning you get the large display with modern convenience and responsiveness.

### Device size and ergonomics

Of course, a 6.9-inch screen means the phone itself is rather large. The overall body dimensions of the iPhone 17 Pro Max are 163.4 mm in height, 78.0 mm in width, and 8.75 mm in depth.

With that size and a relatively high screen-to-body ratio, the device is comfortable for media and productivity — but it may be less convenient for those preferring one-handed use or carrying the phone in smaller pockets. If portability is a priority, that’s something to consider carefully before purchasing. In short: iPhone 17 Pro Max leans more toward “big-screen experience” rather than “compact convenience.”

### How iPhone 17 Pro Max compares with other iPhones

Compared to the regular iPhone 17 or iPhone 17 Pro (non-Max versions), the difference is significant. The Pro versions have smaller screens around 6.3 inches (6.27 inches “rectangular”).

Switching from a 6.3-inch model to the 6.9-inch Pro Max gives you: larger surface for reading or media, more immersive video watching, easier multitasking with split-view or large keyboards — but comes at the cost of reduced one-handed comfort, less pocketability, and greater overall weight/size.

### Who benefits most from a 6.9-inch screen — and who might not

The large screen of iPhone 17 Pro Max is especially advantageous for: users who consume a lot of multimedia (videos, streaming, reading), creative work (photo editing, content creation), frequent multitasking (tabs, messaging + browsing), or anyone who simply prefers a bigger display for clarity and comfort.

On the other hand, people who prioritize compactness, one-handed operation, or minimalism might find the size cumbersome. The physical dimensions make it less ideal for small pockets or for users with smaller hands. If portability and ease of single-hand use are more important than display real estate, a smaller iPhone model might be a better fit.

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### Conclusion

The iPhone 17 Pro Max offers a 6.9-inch OLED display — in rectangular approximation, about 6.86 inches diagonally — with a sharp resolution (2868×1320) and a pixel density of 460 ppi. That provides a large, vibrant, high-quality viewing surface perfect for media, productivity, and multitasking. At the same time, the size of the device makes it less compact and less convenient for one-handed use or small pockets. Whether this screen size is “too big” or “just right” depends largely on how you use your phone.

If you value screen space, sharpness and modern display features — the iPhone 17 Pro Max's screen size is among the largest you can get in a mainstream smartphone today. If portability and ease-of-use matter more — smaller iPhone models may remain more comfortable. In either case, now you know exactly how big the iPhone 17 Pro Max screen is, and what to expect once you hold it in your hand.