



THE NEW IPHONES

What you need to know

In the recent product launch event titled 'Far Out', Apple unveiled the iPhone 14, iPhone 14 Plus, iPhone 14 Pro and iPhone 14 Pro Max. Here's a quick summary of everything you need to know about the new iPhones.

iPhone 14 and iPhone 14 Plus

The iPhone 14 maintains a 6.1-inch screen, while the 14 Plus offers a sizable 6.7-inch screen. The 14 Plus model is said to have the longest battery life of any iPhone. The A15 Bionic chipset from the previous year is still available in both models, featuring a 5-core GPU, 6-core CPU and 16-core neural engine.

The 12 MP main camera of the iPhone 14 comes with a faster aperture for better motion freezing. The camera also features a new f/1.9, 12 MP TrueDepth camera with autofocus for the first time. This caters to taking better photos in low light environments, using a new photonic engine that doubles the low light camera performance of previous iPhone models.

The new release of iPhones also comes with larger sensors and advanced lenses for better camera performance. The iPhone 14 models also come with other features such as video stabilisation, eSIM support and crash detection, including a high acceleration sensor that can automatically contact emergency SOS in case an emergency or crash occurs. The iPhone 14 is also designed to work off-grid, with a built-in SOS that uses satellite



to contact emergency services.

The iPhone 14 starts at \$799, and iPhone 14 Plus starts at \$899. The iPhone 14 was available from September 14 and iPhone 14 Plus will be available from October 7.

iPhone 14 Pro and Pro Max

The newly announced iPhone 14 Pro and iPhone 14 Pro Max have a new pill-shaped cutout that replaces the notch and can adjust dynamically, marking the first significant display redesign since Apple unveiled the iPhone X in 2017. In addition, both devices have an always-on display and a faster A16 Bionic chip, Apple's latest 4-nanometer processor with 16 billion transistors.

The display on the iPhone 14 Pro models is the first obvious visual change. Apple will continue to offer the standard 6.1- and 6.7-inch screen sizes, but the notch will be replaced by a pill-shaped cutout that will house the Face ID components and a second circular cutout for the front-facing camera.

Apple has relocated the proximity sensor behind the screen, and notifications will now animatedly emerge from the notch. Apple calls this the Dynamic Island. Apple is really leaning into how it animates and uses the system for new notifications. Alerts and notifications will adjust and move around the pill-shaped notch. Apple

demonstrated a variety of animation and functionality features for Dynamic Island, including animated live activity widgets and music controls. Background activities like music playback will move to the island when you swipe to go home. The Pro models also come with lock screen personalisation and an always-on HDR display. The intelligent display also automatically dims the brightness and uses minimal power when required.

The iPhone is switching for the first time ever from a 12-megapixel sensor to a 48-megapixel one. The new main camera uses a quad-pixel sensor with an f/1.78 aperture and a 24mm focal length to improve low-light photography. In order to capture as much light as possible, the sensor will typically take 12-megapixel binned photos. This enables Apple to deliver true 2x zoom at a 48mm focal length by cropping the sensor in various ways.

Additionally, the new ultrawide camera offers a 3x improvement in low light and enhancements to macro photography. The flash on the iPhone 14 camera system has also received an upgrade from Apple, making it twice as bright and responsive to the focal length of photographs. Now, 4K resolution can be shot in both 24 and 30 frames per second in cinematic mode.

iPhone 14 Pro is priced at \$999 and iPhone 14 Pro Max at \$1099, being officially available from September 16.