Capacity

* **64GB**
* **128GB**
* **256GB**

Display

* Super Retina XDR display
* 6.1‑inch (diagonal) all‑screen OLED display
* 2532‑by‑1170-pixel resolution at 460 ppi

The iPhone 12 display has rounded corners that follow a beautiful curved design, and these corners are within a standard rectangle. When measured as a standard rectangular shape, the screen is 6.06 inches diagonally (actual viewable area is less).

* HDR display
* True Tone
* Wide color (P3)
* Haptic Touch
* 2,000,000:1 contrast ratio (typical)
* 625 nits max brightness (typical); 1200 nits max brightness (HDR)
* Fingerprint-resistant oleophobic coating
* Support for display of multiple languages and characters simultaneously

Splash, Water, and Dust Resistant[3](https://www.apple.com/by/iphone-12/specs/#footnote-4)

Rated IP68 (maximum depth of 6 meters up to 30 minutes) under IEC standard 60529

Camera

* Dual 12MP camera system: Ultra Wide and Wide cameras
* Ultra Wide: ƒ/2.4 aperture and 120° field of view
* Wide: ƒ/1.6 aperture
* 2x optical zoom out
* Digital zoom up to 5x
* Portrait mode with advanced bokeh and Depth Control
* Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High‑Key Mono)
* Optical image stabilization (Wide)
* Five‑element lens (Ultra Wide); seven‑element lens (Wide)
* True Tone flash with Slow Sync
* Panorama (up to 63MP)
* Sapphire crystal lens cover
* 100% Focus Pixels (Wide)
* Night mode
* Deep Fusion
* Smart HDR 3 with Scene Detection
* Wide color capture for photos and Live Photos
* Lens correction (Ultra Wide)
* Advanced red‑eye correction
* Auto image stabilization
* Burst mode
* Photo geotagging

Face ID

* Enabled by TrueDepth camera for facial recognition

Power and Battery

**Video playback:**  
 Up to 17 hours

**Video playback (streamed):**  
 Up to 11 hours

**Audio playback:**  
 Up to 65 hours

* Built-in rechargeable lithium-ion battery
* MagSafe wireless charging up to 15W[9](https://www.apple.com/by/iphone-12/specs/#footnote-10)
* Qi wireless charging up to 7.5W[9](https://www.apple.com/by/iphone-12/specs/#footnote-10)
* Charging via USB to computer system or power adapter
* Fast-charge capable: Up to 50% charge in 30 minutes[10](https://www.apple.com/by/iphone-12/specs/#footnote-11) with 20W adapter or higher (sold separately)