**Technical Specifications**

**Display**

* Screen Size: 6.7 inches
* Screen Technology: Super Retina XDR OLED
* Screen Resolution: 2796 x 1290 pixels
* Display Features: 120Hz, Always-On display, HDR, True Tone, Haptic Touch, Dynamic Island, 2,000,000:1 contrast ratio, 2000 nits brightness
* Refresh Rate: 120Hz

**Camera**

* Rear Cameras:
  + Main Camera: 48 MP, f/1.8, 24mm, PDAF, OIS, 1.22µm
  + Ultra-Wide Camera: 12 MP, f/2.2, 13mm, 120˚, PDAF, 1.4µm
  + Telephoto Camera: 12 MP, f/2.8, 77mm, PDAF, OIS, 3x optical zoom
  + TOF 3D LiDAR Depth Sensor
* Video Recording:
  + 4K@24/25/30/60fps
  + 1080p@25/30/60/120/240fps
  + 10-bit HDR, Dolby Vision HDR (60fps)
  + ProRes Mode, Cinematic Mode (4K@30fps)
* Front Camera: 12 MP, f/1.9, 23mm, PDAF
* Front Video Recording: 4K@24/25/30/60fps, 1080p@25/30/60/120fps, EIS

**Performance**

* Chipset: Apple A16 Bionic 6-core
* CPU: 3.46 GHz
* GPU: Apple GPU (5-core graphics)
* RAM: 6 GB
* Internal Storage: 128 GB

**Battery**

* Battery Capacity: 4,323 mAh
* Charging Technology: PD 2.0 30W (50% charge in 30 minutes), MagSafe 15W wireless charging, Qi 7.5W wireless charging
* Charging Port: Lightning

**Connectivity**

* SIM Card Slots: Dual SIM (nano-SIM and eSIM)
* Operating System: iOS 16
* Infrared: No
* 3.5mm Audio Jack: No
* NFC: Yes
* 5G Support: Yes
* Wi-Fi: Wi-Fi MIMO, Dual-band (2.4 GHz/5 GHz), Wi-Fi 802.11 a/b/g/n/ac/ax
* Bluetooth: v5.3, A2DP, LE
* GPS: BEIDOU, GALILEO, GPS, QZSS, iBeacon, GLONASS

**Design & Dimensions**

* Dimensions: 160.7 x 77.6 x 7.9 mm
* Weight: 240 grams
* Back Material: Glass
* Frame Material: Metal
* Water and Dust Resistance: IP68

**General Information**

* Release Date: September 2022