

Apple overhauls 2019 iPhone and iOS

Apple's annual iPhone redesign will coincide with one of the biggest updates to its operating system in years, *iOS 13*, which includes the launch of a new bespoke *iPadOS*

2019 IPHONE

Three designs look almost identical to 2018 devices, with exception of large camera bump on rear

Telephoto lens, wide-angle lens, and super wide-angle lens (all 12-megapixels) ensure larger field of view and wider zoom range



Display: Likely OLED panel in 5.8in and 6.5in models, with LCD screen in 6.1in. All do away with **3D Touch** (introduced in 2015)



5.8in (147.3mm) 6.1in (154.9mm) 6.5in (165.1mm)

Cheapest handset will ship with dual-lens camera

Additional improvements: Upgraded, more efficient **A13** chip, larger battery, faster WiFi, ability to charge other devices such as **AirPods**

Fri, Sep 20, 2019:
Expected launch date
2020 iPhones
rumoured to be **5G**,
with **3D cameras**

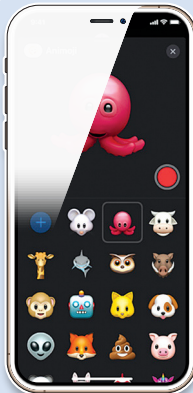
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iOS 13 HIGHLIGHTS

Raft of system-wide improvements will load apps twice as quickly and require up to 50% less storage space (RAM)

Dark Mode:

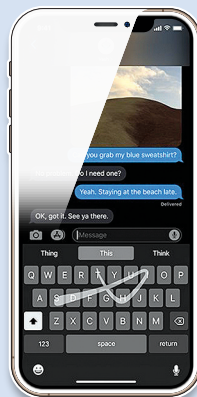
Changes look of operating system from light to dark to make apps easier on eyes at night (here showing new **Animoji** characters). Can be turned on/off in **Control Center** or directed to switch automatically at sunset



Maps app:
Look Around mode lets you move down streets – think smoother version of Google Maps **Street View***

Quickpath Keyboard:

Swipe finger from one letter to next without removing it from display



Photos app:

Nearly every tool and effect available can now be used on videos, including rotate, crop and auto-enhance

Additional features: App or website log-ins can be scrambled to keep your email address private, improved **Reminders** app, new **Apple Arcade**, refreshed **Siri** voice

iPadOS

HIGHLIGHTS

Pin favourite **Today View** widgets on **Home screen** to see them instantly

Apple Pencil: Latency down from 20 milliseconds to 9ms for more natural feel



New, more intuitive **Multi-Touch** gestures for editing text – copy, paste, undo etc

Connect external hard drive, SD card reader or USB drive