Thông số kỹ thuật

**Màn hình**

* **Công nghệ màn hình:**

[OLED](https://www.thegioididong.com/hoi-dap/man-hinh-oled-la-gi-905762)

* [**Độ phân giải:**](https://www.thegioididong.com/hoi-dap/do-phan-giai-man-hinh-la-gi-co-anh-huong-gi-toi-chat-luong-1335939#hmenuid1)

Super Retina XDR (1170 x 2532 Pixels)

* **Màn hình rộng:**

6.1" - Tần số quét [60 Hz](https://www.thegioididong.com/hoi-dap/tan-so-quet-man-hinh-may-tinh-la-gi-1292309#subhmenuid1)

* [**Độ sáng tối đa:**](https://www.thegioididong.com/hoi-dap/do-sang-nit-tren-man-hinh-laptop-la-gi-bao-nhieu-la-phu-hop-1337509#hmenuid1)

[1200 nits](https://www.thegioididong.com/hoi-dap/do-sang-nit-tren-man-hinh-laptop-la-gi-bao-nhieu-la-phu-hop-1337509#subhmenuid4)

* **Mặt kính cảm ứng:**

[Kính cường lực Ceramic Shield](https://www.thegioididong.com/hoi-dap/mat-kinh-ceramic-shield-tren-iphone-12-la-gi-co-xin-so-nhu-1298900)

**Camera sau**

* [**Độ phân giải:**](https://www.thegioididong.com/hoi-dap/do-phan-giai-camera-tren-smartphone-la-gi-1339722)

3 camera 12 MP

* **Quay phim:**

[HD 720p@30fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#hd)

[FullHD 1080p@60fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#fullhd)

[4K 2160p@24fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#4k)

[4K 2160p@30fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#4k)

[4K 2160p@60fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#4k)

[FullHD 1080p@30fps](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-bi-1174134#fullhd)

* **Đèn Flash:**

[Đèn LED kép](https://www.thegioididong.com/hoi-dap/tim-hieu-cac-loai-den-flash-tren-camera-dien-thoai-1143808#denflashkep)

* **Tính năng:**

[Ảnh Raw](https://www.thegioididong.com/hoi-dap/che-do-chup-anh-raw-tren-smartphone-906402)

[Tự động lấy nét (AF)](https://www.thegioididong.com/hoi-dap/che-do-autofocus-trong-chup-anh-tren-smartphone-906408)

[Nhận diện khuôn mặt](https://www.thegioididong.com/hoi-dap/chuc-nang-nhan-dien-khuon-mat-la-gi-907903)

[HDR](https://www.thegioididong.com/hoi-dap/che-do-chup-anh-hdr-tren-smartphone-la-gi-906400)

[Toàn cảnh (Panorama)](https://www.thegioididong.com/hoi-dap/chup-anh-panorama-toan-canh-tren-camera-cua-smar-906425)

[Ban đêm (Night Mode)](https://www.thegioididong.com/hoi-dap/che-do-chup-dem-night-mode-la-gi-907873)

[Zoom quang học](https://www.thegioididong.com/hoi-dap/zoom-quang-hoc-va-zoom-ky-thuat-so-la-gi-co-gi-khac-nhau-1296828#zoom-quang-hoc)

[Quay chậm (Slow Motion)](https://www.thegioididong.com/hoi-dap/che-do-quay-video-slow-motion-la-gi-luu-y-khi-quay-video-1013728)

[Xóa phông](https://www.thegioididong.com/hoi-dap/chup-anh-xoa-phong-la-gi-no-co-tac-dung-nhu-the-na-1138006)

[Chống rung quang học (OIS)](https://www.thegioididong.com/hoi-dap/che-do-chong-rung-quang-hoc-ois-chup-anh-tren-sm-906416)

[Trôi nhanh thời gian (Time Lapse)](https://www.thegioididong.com/hoi-dap/che-do-quay-phim-time-lapse-la-gi-1172228#hmenuid1)

[Góc siêu rộng (Ultrawide)](https://www.thegioididong.com/hoi-dap/camera-goc-rong-goc-sieu-rong-tren-smartphone-l-1172240)

[Góc rộng (Wide)](https://www.thegioididong.com/hoi-dap/camera-goc-rong-goc-sieu-rong-tren-smartphone-l-1172240)

**Camera trước**

* [**Độ phân giải:**](https://www.thegioididong.com/hoi-dap/do-phan-giai-camera-tren-smartphone-la-gi-1339722)

12 MP

* **Tính năng:**

[Tự động lấy nét (AF)](https://www.thegioididong.com/hoi-dap/che-do-autofocus-trong-chup-anh-tren-smartphone-906408)

[Nhận diện khuôn mặt](https://www.thegioididong.com/hoi-dap/chuc-nang-nhan-dien-khuon-mat-la-gi-907903)

[HDR](https://www.thegioididong.com/hoi-dap/che-do-chup-anh-hdr-tren-smartphone-la-gi-906400)

[Quay video Full HD](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-1174134#fullhd)

[Quay video HD](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-1174134#hd)

[Quay video 4K](https://www.thegioididong.com/hoi-dap/cac-chuan-quay-phim-tren-dien-thoai-tablet-pho-1174134#4k)

[Xóa phông](https://www.thegioididong.com/hoi-dap/chup-anh-xoa-phong-la-gi-no-co-tac-dung-nhu-the-na-1138006)

[Nhãn dán (AR Stickers)](https://www.thegioididong.com/hoi-dap/ar-stickers-la-gi-vi-sao-hang-nao-cung-ap-dung-ar-1096228)

[Retina Flash](https://www.thegioididong.com/hoi-dap/chuc-nang-retina-flash-tren-cac-dong-dien-thoai-ip-1173061)

**Hệ điều hành & CPU**

* [**Hệ điều hành:**](https://www.thegioididong.com/hoi-dap/he-dieu-hanh-la-gi-804907#hmenuid1)

[iOS 15](https://www.thegioididong.com/hoi-dap/ios-15-co-gi-moi-khi-nao-ra-iphone-nao-duoc-cap-nhat-phien-1337757)

* **Chip xử lý (CPU):**

[Apple A14 Bionic 6 nhân](https://www.thegioididong.com/hoi-dap/tim-hieu-chip-xu-ly-apple-a14-bionic-hieu-nang-manh-den-1302095)

* [**Tốc độ CPU:**](https://www.thegioididong.com/hoi-dap/toc-do-cpu-la-gi-co-y-nghia-gi-trong-cac-thiet-bi-dien-tu-1299483)

2 nhân 3.1 GHz & 4 nhân 1.8 GHz

* **Chip đồ họa (GPU):**

[Apple GPU 4 nhân](https://www.thegioididong.com/hoi-dap/tim-hieu-chip-apple-a15-bionic-suc-manh-cuc-khung-duoc-he-1339072#gpu4nhan)

**Bộ nhớ & Lưu trữ**

* [**RAM:**](https://www.thegioididong.com/hoi-dap/ram-la-gi-co-y-nghia-gi-trong-cac-thiet-bi-dien-t-1216259)

6 GB

* **Dung lượng lưu trữ:**

128 GB

* **Dung lượng còn lại (khả dụng) khoảng:**

113 GB

* **Danh bạ:**

Không giới hạn

**Kết nối**

* **Mạng di động:**

[Hỗ trợ 5G](https://www.thegioididong.com/hoi-dap/mang-5g-la-gi-co-nhung-uu-diem-gi-so-voi-4g-1312277)

* **SIM:**

[1 Nano SIM & 1 eSIM](https://www.thegioididong.com/hoi-dap/sim-thuong-micro-sim-nano-sim-esim-la-gi-co-gi-khac-nhau-1310659#esim)

* [**Wifi:**](https://www.thegioididong.com/hoi-dap/toc-do-mang-wifi-nhu-the-nao-thi-moi-goi-la-nhanh-567510#hmenuid1)

[Wi-Fi hotspot](https://www.thegioididong.com/tin-tuc/wifi-la-gi-cai-dat-wifi-hotspot-nhu-the-nao--590309#wifihotspot)

[Dual-band (2.4 GHz/5 GHz)](https://www.thegioididong.com/hoi-dap/wifi-dual-band-la-gi-736489)

[Wi-Fi 802.11 a/b/g/n/ac/ax](https://www.thegioididong.com/hoi-dap/wi-fi-chuan-80211ax-la-gi-tim-hieu-ve-wi-fi-the-1187524)

* [**GPS:**](https://www.thegioididong.com/hoi-dap/gps-la-gi-806129#hmenuid1)

[GPS](https://www.thegioididong.com/hoi-dap/gps-la-gi-806129#a-gps)

[GLONASS](https://www.thegioididong.com/hoi-dap/gps-la-gi-806129#glonass)

[BEIDOU](https://www.thegioididong.com/hoi-dap/gps-la-gi-806129#subhmenuid3)

* [**Bluetooth:**](https://www.thegioididong.com/hoi-dap/cong-nghe-bluetooth-743602#hmenuid1)

[A2DP](https://www.thegioididong.com/hoi-dap/cong-nghe-bluetooth-a2dp-la-gi-723725)[v5.0](https://www.thegioididong.com/hoi-dap/bluetooth-50-chuan-bluetooth-danh-cho-thoi-dai-1113891)

* **Cổng kết nối/sạc:**

[Lightning](https://www.thegioididong.com/hoi-dap/cong-lightning-la-gi-868282)

* **Jack tai nghe:**

[Lightning](https://www.thegioididong.com/hoi-dap/cong-lightning-la-gi-868282)

* **Kết nối khác:**

[NFC](https://www.thegioididong.com/hoi-dap/ket-noi-nfc-tren-dien-thoai-may-tinh-bang-la-gi-1172835)

**Pin & Sạc**

* **Dung lượng pin:**

2815 mAh

* **Loại pin:**

[Li-Ion](https://www.thegioididong.com/hoi-dap/tim-hieu-pin-li-ion-la-gi-985040)

* **Hỗ trợ sạc tối đa:**

20 W

* **Công nghệ pin:**

[Sạc không dây](https://www.thegioididong.com/hoi-dap/cong-nghe-sac-khong-day-la-gi-761328)

[Tiết kiệm pin](https://www.thegioididong.com/hoi-dap/che-do-tiet-kiem-pin-va-sieu-tiet-kiem-pin-la-gi-926730)

[Sạc pin nhanh](https://www.thegioididong.com/hoi-dap/cong-nghe-sac-nhanh-tren-smartphone-755549)

[Sạc không dây MagSafe](https://www.thegioididong.com/hoi-dap/cong-nghe-magsafe-magsafe-2-la-gi-co-tren-thiet-bi-nao-cua-1241888)

**Tiện ích**

* **Bảo mật nâng cao:**

[Mở khoá khuôn mặt Face ID](https://www.thegioididong.com/hoi-dap/face-id-la-gi-va-cach-hoat-dong-cua-face-id-1021871)

* **Kháng nước, bụi:**

[IP68](https://www.thegioididong.com/hoi-dap/chong-nuoc-va-chong-bui-tren-smart-phone-771130#ip68)

* **Ghi âm:**

[Ghi âm có microphone chuyên dụng chống ồn](https://www.thegioididong.com/hoi-dap/microphone-chong-on-la-gi-894183)

* **Xem phim:**

[H.264(MPEG4-AVC)](https://www.thegioididong.com/hoi-dap/cac-dinh-dang-video-va-am-thanh-740243#h264)

* **Nghe nhạc:**

[AAC](https://www.thegioididong.com/hoi-dap/cac-dinh-dang-video-va-am-thanh-740243#aac)

[MP3](https://www.thegioididong.com/hoi-dap/cac-dinh-dang-video-va-am-thanh-740243#mp3)

[Lossless](https://www.thegioididong.com/hoi-dap/cac-dinh-dang-video-va-am-thanh-740243#lossless)

[FLAC](https://www.thegioididong.com/hoi-dap/cac-dinh-dang-video-va-am-thanh-740243#flac)

**Thông tin chung**

* **Thiết kế:**

[Nguyên khối](https://www.thegioididong.com/tin-tuc/tim-hieu-cac-kieu-thiet-ke-tren-di-dong-va-may-tin-597153#nguyenkhoi)

* **Chất liệu:**

Khung thép không gỉ & Mặt lưng kính cường lực

* **Kích thước, khối lượng:**

Dài 146.7 mm - Ngang 71.5 mm - Dày 7.4 mm - Nặng 189 g

* **Thời điểm ra mắt:**

10/2020