

Apple Watch Series 6 - Technical Specifications

Finishes

GPS + Cellular

Aluminum

Silver

Space Gray

Gold

Blue

(PRODUCT)RED

Stainless Steel

Silver

Graphite

Gold

Titanium

Titanium

Space black (DLC)

GPS

Aluminum

Silver

Space Gray

Gold

Blue

(PRODUCT)RED

Apple Watch Nike available in silver and space gray aluminum.

Apple Watch Hermès available in stainless steel and space black stainless steel.

Features

GPS/GNSS

Compass

Always-on altimeter

Water resistant

50 meters¹

Blood oxygen sensor

(Blood Oxygen app)²

Electrical heart sensor

(ECG app)³

Third-generation optical heart sensor

International emergency calling⁵

Emergency SOS⁴

Accelerometer

up to 32 g-forces with fall detection

Gyroscope

Ambient light sensor

Speaker

Microphone

Apple Pay

GymKit

Capacity 32GB

Ceramic and sapphire crystal back

Display
44mm

368 by 448 pixels

977 sq mm display area

40mm

324 by 394 pixels

759 sq mm display area

Always-On Retina LTPO OLED display

1000 nits brightness

Chip
S6 SiP with 64-bit dual-core processor

W3

Apple wireless chip

U1 chip

(Ultra Wideband)⁸

Connectivity
LTE and UMTS⁷

GPS + Cellular models

Learn more about available carriers

Wi-Fi

802.11b/g/n 2.4GHz and 5GHz

Bluetooth 5.0

Power

Built-in rechargeable lithium-ion battery

Up to 18 hours⁹

Magnetic charging cable

Dimensions

40mm

Height: 40mm

Width: 34mm

Depth: 10.7mm

44mm

Height: 44mm

Width: 38mm

Depth: 10.7mm

Weight

40mm

Aluminum: 30.5g

Stainless Steel: 39.7g

Titanium: 34.6g

44mm

Aluminum: 36.5g

Stainless Steel: 47.1g

Titanium: 41.3g

In the Box

Apple Watch Series 6

Band/Loop

1m Magnetic Charging Cable

The case materials and the band types would be based on your selection

Apple Watch Series 6 have a water resistance rating of 50 meters under ISO standard 22810:2010. This means that they may be used for shallow-water activities like swimming in a pool or ocean. However, they should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.

Blood Oxygen app measurements are not intended for medical use, including self-diagnosis or consultation with a doctor, and are only designed for general fitness and wellness purposes.

The ECG app and irregular rhythm notification require the latest version of watchOS and iOS, and are not intended for use by people under 22 years old. The ECG app is available on Apple Watch Series 4 or later (not including Apple Watch SE). The irregular rhythm notification is not designed for people who have been previously diagnosed with Afib.

Apple Watch Series 6 (GPS + Cellular) can use a cellular connection for Emergency SOS. To use Emergency SOS on an Apple Watch without cellular, your iPhone needs to be nearby. If your iPhone isn't nearby, your Apple Watch needs to be connected to a known Wi-Fi network and you must set up Wi-Fi Calling.

The international emergency calling feature requires an Apple Watch Series 6 (GPS + Cellular) model. For a list of supported countries and regions, see apple.com/watchos/feature-availability.

Not all features will be available if the Apple Watch is set up through Family Setup. Wireless service plan required for cellular service. Contact your service provider for more details. Check apple.com/watch/cellular for participating wireless carriers and eligibility.

Wireless service plan required for cellular service. Contact your service provider for more details. International roaming is not supported. Check apple.com/watch/cellular for participating wireless carriers and eligibility. See support.apple.com/en-us/HT207578 for additional setup instructions.

Ultra Wideband availability varies by region.

Apple Watch All-Day Battery Life testing was conducted by Apple in August 2020 using preproduction Apple Watch Series 6 (GPS) and Apple Watch Series 6 (GPS + Cellular), each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by

use, cellular coverage, configuration, and many other factors; actual results will vary. See apple.com/batteries and apple.com/watch/battery.html for more information.