

Compare Apple Watch models



GPS + Cellular

GPS



GPS + Cellular

GPS

Summary

44mm case

40mm case



977 sq mm
display area

759 sq mm
display area

42mm case

38mm case



740 sq mm
display area

563 sq mm
display area



10.7mm thin



11.4mm thin



64-bit dual-core S4 processor
Up to 2x faster than S3 processor



Dual-core S3 processor



**Electrical heart sensor
(ECG app)**
ECG app coming later this year.



**Second-generation
optical heart sensor**



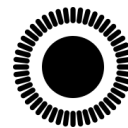
Optical heart sensor



Fall detection



**Digital Crown with
haptic feedback**



Digital Crown

Finishes



GPS + Cellular

Stainless Steel



Silver

Aluminum



Apple Watch Nike+ available in silver and space gray aluminum.

Apple Watch Hermès available in polished stainless steel.



GPS + Cellular

Aluminum



Silver

GPS

Aluminum



Apple Watch Nike+ available in space gray aluminum.

Features



GPS, GLONASS, Galileo, and QZSS



Barometric altimeter



Water resistant
50 meters



Electrical heart sensor
(ECG app)



GPS, GLONASS, Galileo, and QZSS



Barometric altimeter



Water resistant
50 meters





Optical heart sensor



Improved accelerometer
up to 32 g-forces



Improved gyroscope



Ambient light sensor



Capacity 16GB



All ceramic and sapphire crystal back



Optical heart sensor



Accelerometer
up to 16 g-forces



Gyroscope



Ambient light sensor



Capacity 16GB

GPS + Cellular

Capacity 8GB

GPS



Ceramic and sapphire crystal back (center)

GPS + Cellular

Composite back (center)

GPS

Display

44mm

368 by 448 pixels
977 sq mm display area

40mm

324 by 394 pixels
759 sq mm display area

LTPO OLED Retina display with Force Touch

1000 nits brightness

42mm

312 by 390 pixels
740 sq mm display area

38mm

272 by 340 pixels
563 sq mm display area

OLED Retina display with Force Touch

1000 nits brightness

Chip

S4 with 64-bit dual-core processor
Up to 2x faster processor

S3 with dual-core processor

W3
Apple wireless chip

W2
Apple wireless chip

Connectivity

LTE and UMTS
GPS + Cellular models

LTE and UMTS
GPS + Cellular models

Wi-Fi
802.11b/g/n 2.4GHz

Wi-Fi
802.11b/g/n 2.4GHz

Bluetooth 5.0

Bluetooth 4.2

Power

Built-in rechargeable lithium-ion battery Up to 18 hours

Built-in rechargeable lithium-ion battery Up to 18 hours

Magnetic charging cable

Magnetic charging cable

USB power adapter

USB power adapter
GPS + Cellular model only