

# Compare Apple Watch models



GPS + Cellular

GPS



GPS + Cellular

GPS

## Summary

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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**



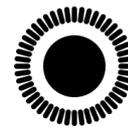
**Optical heart sensor**



**Fall detection**



**Digital Crown with  
haptic feedback**



**Digital Crown**

# Finishes



## GPS + Cellular

## GPS

Stainless Steel

Aluminum



Aluminum



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

Apple Watch Hermès available in polished stainless steel.

## GPS + Cellular

## GPS

Aluminum

Aluminum



Apple Watch Nike+ available in space gray aluminum.

# Features

GPS, GLONASS, Galileo, and QZSS

GPS, GLONASS, Galileo, and QZSS

Barometric altimeter

Barometric altimeter

Water resistant  
50 meters

Water resistant  
50 meters

Electrical heart sensor  
(ECG app)

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 **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

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## 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

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## 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

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## 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**

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## 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