Which Apple Watch is right for you?

Series 7

The biggest, most advanced Always On Retina display. Measure your blood oxygen and take an ECG. With the most crack-resistant front crystal ever and dust resistance certification, it's the most durable Apple Watch ever.

SE

With essential features to help you stay connected, active, and healthy. Large Retina display. Fall detection. Perfect for younger and older family members using Family Setup.

Series 3

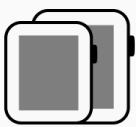The core fitness, health, and connectivity features of Apple Watch.

Quick Look

45mm or 41mm case size	**44mm or 40mm case size**	**42mm or 38mm case size**
Most crack-resistant front crystal		
Certified IP6X dust resistant		
Always-On Retina display	**Retina display**	**Retina display**
Nearly 20% more screen area than Apple Watch SE	Over 30% larger than Series 3	
Over 50% more screen area than Series 3		
50m	**50m**	**50m**
Water resistant	Water resistant	Water resistant
Swimproof	Swimproof	Swimproof
Blood Oxygen app	—	—

ECG app	—	—
High and low heart rate notifications	High and low heart rate notifications	High and low heart rate notifications
Irregular heart rhythm notification	Irregular heart rhythm notification	Irregular heart rhythm notification
Emergency SOS	Emergency SOS	Emergency SOS
International emergency calling	International emergency calling	—
Fall detection	Fall detection	—
Compass	Compass	—
Always-on altimeter	Always-on altimeter	Altimeter

Available cellular
connectivity

Available cellular
connectivity

—

Supports Family Setup
(GPS + Cellular models)
Connect family members
who don't have an iPhone

Supports Family Setup
(GPS + Cellular models)
Connect family members
who don't have an iPhone

—

Up to 18 hours

Up to 18 hours

Up to 18 hours

Faster charge
Up to 33% faster charging

—

—

Key Differences

Display

Always-On
Retina display

Retina display

Retina display

The display never sleeps, so you can always see the time and information that's most important to you. The viewing area stretches deep into the rounded corners and is nearly 20% larger than the Apple Watch SE display and over 50% larger than the Apple Watch Series 3 display. And it's up to 70% brighter indoors when your wrist is down.

Featuring a Retina display that is over 30% larger than Apple Watch Series 3, it lets you see more and use more of the latest watch faces and complications. Just raise your wrist and the display instantly comes to life.

Just raise your wrist and the display instantly comes to life.

396 by 484 pixels
1.7mm border width

368 by 448 pixels
3mm border width

312 by 390 pixels
4.5mm border width

| 45mm case | 41mm case |

| 44mm case | 40mm case |

| 42mm case | 38mm case |

Materials and Finishes

Aluminum
Stainless steel
Titanium

Apple Watch Series 7 has the most crack-resistant front crystal yet.

Aluminum
—
—

Apple Watch SE has Ion-X front glass.

Aluminum
—
—

Apple Watch Series 3 has Ion-X front glass.

Aluminum models have Ion-X front glass. Stainless steel and titanium models have sapphire front crystals.

Aluminum   **Stainless Steel**

Midnight

Titanium

Aluminum

Space Gray

Aluminum

Space Gray

Health and Wellness

Blood Oxygen app	—	—
ECG app	—	—
High and low heart rate notifications	**High and low heart rate notifications**	**High and low heart rate notifications**
Irregular heart rhythm notification	**Irregular heart rhythm notification**	**Irregular heart rhythm notification**

Series 7 has the most advanced health and wellness features ever in an Apple Watch. You can measure your blood oxygen levels, take an ECG from your wrist, be alerted if it detects unusually high or low heart rates or an irregular rhythm, and even measure your current heart rate.

Apple Watch SE can alert you if it detects unusually high or low heart rates or an irregular rhythm, as well as measure your current heart rate.

Apple Watch Series 3 can alert you if it detects unusually high or low heart rates or an irregular rhythm, as well as measure your current heart rate.

Blood Oxygen | ECG

Safety and Emergency

Emergency SOS
International emergency calling
Fall detection
Noise monitoring

With Emergency SOS, you can quickly call for help and alert your emergency contacts. Apple Watch Series 7 can also detect if you've taken a hard fall, then automatically call emergency services for you.

Emergency SOS
International emergency calling
Fall detection
Noise monitoring

With the same safety and emergency features as Series 7 (Emergency SOS and fall detection), you're never too far away from help if you need it. The Noise app alerts you when decibels

Emergency SOS
—
—
—

You can quickly call for help and alert your emergency contacts if you need to.

And it can complete an emergency call while you're traveling abroad. The Noise app alerts you when decibels reach levels that could damage your hearing.

reach levels that could damage your hearing.

Fall Detection | Emergency SOS

Fall Detection | Emergency SOS

Cellular Connectivity

Cellular connectivity on GPS + Cellular models

Supports Family Setup

With cellular connectivity activated on Apple Watch GPS + Cellular models, you can stay connected even when you don't have your iPhone. Make calls, send texts, stream music, and do so much more using only your Apple Watch. And with Family Setup, you can get an Apple Watch for kids and older adults who don't have an iPhone. Everyone gets their own phone number, and you manage each watch using the Apple Watch app on your iPhone.

Cellular connectivity on GPS + Cellular models

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Technology

Blood oxygen sensor	—	—
Electrical heart sensor	—	—
Third-generation optical heart sensor	**Second-generation optical heart sensor**	**Optical heart sensor**
Dual-core S7 SiP	**Dual-core S5 SiP**	**Dual-core S3 SiP**
Digital Crown with haptic feedback	**Digital Crown with haptic feedback**	**Digital Crown**
GPS	**GPS**	**GPS**
Compass	**Compass**	—
Always-on altimeter	**Always-on altimeter**	**Altimeter**
Second-generation speaker and mic	**Second-generation speaker and mic**	**Speaker and mic**

The back crystal of Apple Watch Series 7 features four clusters of green, red, and infrared LEDs and four photodiodes used to measure blood oxygen levels with the Blood Oxygen app. It has both an optical heart sensor for measuring your heart rate and heart rhythm and an electrical heart sensor that enables the ECG app. The Digital Crown provides haptic feedback when you turn it. The S7 SiP with 64-bit dual-core processor is up to 20% faster than the S5 in Apple Watch SE.   The always-on altimeter detects your elevation in real time.

Apple Watch SE has an optical heart sensor for measuring your heart rate and heart rhythm. The Digital Crown provides haptic feedback when you turn it. The S5 SiP with 64-bit dual-core processor is up to two times faster than the S3 in Apple Watch Series 3. The always-on altimeter detects your elevation in real time.

Apple Watch Series 3 includes an optical heart sensor for measuring your heart rate and heart rhythm and GPS to pinpoint your location.

Tech Specs

Finishes

GPS + Cellular

Aluminum available in midnight, starlight, green, blue, and (PRODUCT)RED.

Stainless Steel available in graphite (PVD), silver, and gold (PVD).

Titanium available in space black (DLC) and natural titanium.

GPS + Cellular

Aluminum available in space gray, silver, and gold.

GPS

Aluminum available in midnight, starlight, green, blue, and (PRODUCT)RED.

GPS

Aluminum available in space gray, silver, and gold.

GPS

Aluminum available in space gray and silver.

Apple Watch Nike

Aluminum available in midnight and starlight.

Apple Watch Nike

Aluminum available in space gray and silver.

Apple Watch Hermès

Stainless Steel available in space black (DLC) and silver.

Case Size

**45mm by 38mm
by 10.7mm (45mm)**
38.8 grams (Aluminum, GPS,
GPS + Cellular)
51.5 grams (Stainless Steel)
45.1 grams (Titanium)

**44mm by 38mm
by 10.7mm (44mm)**
36.2 grams (GPS)
36.4 grams (GPS + Cellular)

**42.5mm by 36.4mm
by 11.4mm (42mm)**
32.3 grams (GPS)

**41mm by 35mm
by 10.7mm (41mm)**
32.0 grams (Aluminum, GPS,
GPS + Cellular)
42.3 grams (Stainless Steel)
37.0 grams (Titanium)

**40mm by 34 mm
by 10.7mm (40mm)**
30.5 grams (GPS)
30.7 grams (GPS + Cellular)

**38.6mm by 33.3mm
by 11.4mm (38mm)**
26.7 grams (GPS)

Display

45mm
396 by 484 pixels
1143 sq mm display area

44mm
368 by 448 pixels
977 sq mm display area

42mm
312 by 390 pixels
740 sq mm display area

41mm
352 by 430 pixels
904 sq mm display area

40mm
324 by 394 pixels
759 sq mm display area

38mm
272 by 340 pixels
563 sq mm display area

**Always-On Retina LTPO OLED
display**
1000 nits brightness

Retina LTPO OLED display
1000 nits brightness

Retina OLED display
1000 nits brightness

Features

**GPS, GLONASS, Galileo,
QZSS, and BeiDou**

GPS, GLONASS, Galileo,
and QZSS

**GPS, GLONASS, Galileo,
and QZSS**

Compass

Compass

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▲▲ **Always-on altimeter**	▲▲ **Always-on altimeter**	▲▲ **Altimeter**
Water resistant 50 meters	**Water resistant** 50 meters	**Water resistant** 50 meters
◎ **Blood oxygen sensor** (Blood Oxygen app)	—	—
Electrical heart sensor (ECG app)	—	—
♡ **Third-generation optical heart sensor**	♡ **Second-generation optical heart sensor**	♡ **Optical heart sensor**
☏ **International emergency calling**	☏ **International emergency calling**	—
SOS **Emergency SOS**	SOS **Emergency SOS**	SOS **Emergency SOS**
Accelerometer up to 32 g-forces with fall detection	**Accelerometer** up to 32 g-forces with fall detection	**Accelerometer** up to 16 g-forces
⊠ **Gyroscope**	⊠ **Gyroscope**	⊠ **Gyroscope**
☀ **Ambient light sensor**	☀ **Ambient light sensor**	☀ **Ambient light sensor**
◀)) **Speaker** 50 percent louder	◀)) **Speaker** 50 percent louder	◀)) **Speaker**
♪ **Microphone** (enables Noise app)	♪ **Microphone** (enables Noise app)	♪ **Microphone**

⬛Pay
Apple Pay

⬛Pay Apple Pay

⬛Pay
Apple Pay

Chip

S7 with 64-bit dual-core processor
Up to 20% faster than SE

S5 SiP with 64-bit dual-core processor
Up to 2x faster than S3

S3 SiP with dual-core processor

W3
Apple wireless chip

W3
Apple wireless chip

W2
Apple wireless chip

U1 chip
(Ultra Wideband)

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Connectivity

LTE and UMTS
GPS + Cellular models

LTE and UMTS
GPS + Cellular models

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Wi-Fi
802.11b/g/n 2.4GHz and 5GHz

Wi-Fi
802.11b/g/n 2.4GHz

Wi-Fi
802.11b/g/n 2.4GHz

Bluetooth 5.0

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

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

USB-C magnetic fast charging cable

USB-C magnetic charging cable

USB-A magnetic charging cable

Environmental Features

100% recycled aluminum in the case	**100% recycled aluminum in the case**	—
100% recycled tungsten in the Taptic Engine	—	—
100% recycled rare earth elements in all magnets	—	—
100% recycled tin in the SiP	—	—
Energy efficient	**Energy efficient**	**Energy efficient**
Responsible packaging	**Responsible packaging**	**Responsible packaging**
Arsenic-free display glass	**Arsenic-free display glass**	**Arsenic-free display glass**
Mercury-, BFR-, PVC-, and beryllium-free	**Mercury-, BFR-, PVC-, and beryllium-free**	**Mercury-, BFR-, PVC-, and beryllium-free**
Apple Trade In	**Apple Trade In**	**Apple Trade In**