

Apple Watch Series 2 - Technical Specifications

Series 2

With built-in GPS and GLONASS, water resistance to 50 meters, 1 a dual-core processor, a 2x brighter display, and watchOS 3.

Apple Watch

Aluminum case with Sport Band or Woven Nylon band

Stainless steel case with Sport Band, stainless steel band, or leather band

Apple Watch Nike+

Aluminum case with Nike Sport Band

Apple Watch Hermès

Stainless steel case with Hermès leather band

Additional Sport Band included with purchase

Apple Watch Edition

Ceramic case with Sport Band

Magnetic Charging Dock included with purchase

Dimensions

Aluminum case - 38mm

Height: 38.6mm

Width: 33.3mm

Depth: 11.4mm

Case Weight: 28.2g

Aluminum case - 42mm

Height: 42.5mm

Width: 36.4mm

Depth: 11.4mm

Case Weight: 34.2g

Stainless Steel case - 38mm

Height: 38.6mm

Width: 33.3mm

Depth: 11.4mm

Case Weight: 41.9g

Stainless Steel case - 42mm

Height: 42.5mm

Width: 36.4mm

Depth: 11.4mm

Case Weight: 52.4g

White Ceramic case - 38mm

Height: 39.2mm

Width: 34.0mm

Depth: 11.8mm

Case Weight: 39.6g

White Ceramic case - 42mm

Height: 42.6mm

Width: 36.5mm

Depth: 11.4mm

Case Weight: 45.6g

Chip

Dual-core processor

Built-in GPS and GLONASS

Features

Built-in GPS and GLONASS

Water resistant 50 meters¹

Wi-Fi (802.11b/g/n 2.4GHz)

Bluetooth 4.0

Heart rate sensor

Accelerometer

Gyroscope

Ambient light sensor

Display

Second-generation OLED Retina display with Force Touch 2x brighter (1000 nits)

Sapphire crystal (stainless steel and ceramic cases)

Ion-X glass (aluminum cases)

272 by 340 pixels (38mm)

312 by 390 pixels (42mm)

Power and Battery

Built-in rechargeable lithium-ion battery

Up to 18 hours²

Magnetic charging cable

USB power adapter

Languages

Language support

English (Australia, Canada, UK, U.S.), Chinese (Simplified, Traditional, Traditional Hong Kong), French (Canada, France), German, Italian, Japanese, Korean, Spanish (Latin America, Mexico, Spain), Arabic, Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hindi, Hungarian, Indonesian, Malay, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese

Siri languages

English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, U.S.), Spanish (Chile, Mexico, Spain, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (China mainland, Taiwan), Cantonese (China mainland, Hong Kong), Arabic (Saudi Arabia, United Arab Emirates), Danish (Denmark), Dutch (Belgium, Netherlands), Finnish (Finland), Hebrew (Israel), Malay (Malaysia), Norwegian (Norway), Russian (Russia), Swedish (Sweden), Turkish (Türkiye), Thai (Thailand), Portuguese (Brazil)

Dictation languages

English (Australia, Canada, India, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, UAE, UK, U.S.), Spanish (Chile, Colombia, Mexico, Spain, U.S.), French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (China mainland, Taiwan), Cantonese (Hong Kong), Arabic (Kuwait, Saudi Arabia, Qatar, UAE), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Luxembourg, Netherlands), Finnish, Greek, Hebrew, Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovakian, Swedish, Turkish, Thai, Ukrainian, Vietnamese

Apple Watch Series 2 has a water resistance rating of 50 meters under ISO standard 22810:2010. This means that it may be used for shallow-water activities like swimming in a pool or ocean. It is also safe to wear it while showering or in a hot tub. However, Apple Watch Series 2 should not be used for scuba diving, waterskiing, or other activities involving high-velocity water or submersion below shallow depth.

Apple Watch battery testing was conducted by Apple in August 2016 using preproduction Apple Watch Series 1, Apple Watch Series 2, and Apple Watch Edition, each paired with an iPhone; all devices were tested with prerelease software. Battery life varies by use, configuration, and many other factors; actual results will vary. See www.apple.com/batteries and www.apple.com/watch/battery.html for more information.