

Apple Watch Ultra 2 (MX4R3QA/A)

Apple Watch Ultra 2 - 49 mm - black titanium - smart watch with Alpine Loop - textile - dark green - band size: M - 64 GB - LTE, Wi-Fi 4, UWB, Bluetooth - 4G - 61.8 g



The most rugged and capable Apple Watch. Designed for outdoor adventures and supercharged workouts, with a lightweight titanium case, extra-long battery life [1] and the brightest-ever display. Featuring double tap [2], a magical way to interact with Apple Watch, and Precision Finding [3] to guide you to your iPhone.

Key Selling Points

The ultimate sports and adventure watch.

Product Features

WHY APPLE WATCH ULTRA 2

Rugged, capable and built to meet the demands of endurance athletes, outdoor adventurers and water sports enthusiasts - with a specialized strap for each. The S9 SiP enables a super-bright display and a magical new way to quickly and easily interact with your Apple Watch without touching the display. Up to 36 hours of battery life and 72 hours in Low Power Mode [1].

CARBON NEUTRAL

Apple Watch Ultra 2 paired with the latest Alpine Loop or Trail Loop is carbon neutral. Learn more about Apple's commitment to the environment at apple.com/2030 [4].

EXTREMELY RUGGED, INCREDIBLY CAPABLE

49mm corrosion-resistant titanium case. Large Digital Crown and customizable Action button for instant control over a variety of functions. 100m water resistance [5].

BIGGEST, BRIGHTEST DISPLAY YET

Apple's brightest Always-On Retina display is easy to see, even in harsh sunlight. More room for adding complications to customize your watch face and enough space to view six metrics at once.

THE FREEDOM OF CELLULAR

Cellular is built in. You can call and text without your iPhone [6]. Stream your favorite music and podcasts. Get directions with Maps.

FOR ATHLETES

Advanced metrics and views in the Workout app, including Heart Rate Zones, custom workouts, and new cycling workout views. Precision dual-frequency GPS provides incredible accuracy for calculating distance, pace and route maps. Trail Loop is thin, light, and flexible, designed for all workout types.

FOR OUTDOOR ADVENTURERS

The Compass app delivers helpful views and details like elevation, incline, longitude and latitude. See the last place where you had cellular reception. Mark your location with Compass Waypoints. Backtrack uses GPS to map where you've been so you can retrace your steps. Alpine Loop is rugged and secure to meet the needs of all outdoor adventurers.

FOR WATER SPORTS ENTHUSIASTS

Made for recreational water sports, scuba and free diving for descents to 40 meters [5]. The Depth app shows the time, current depth, water temperature, duration under water and maximum depth you've reached. The Oceanic+ app puts a dive computer on your wrist [7]. Ocean Band is light and flexible, with a titanium buckle and adjustable loop for a secure fit even during high-speed water sports.

ADVANCED HEALTH AND SAFETY FEATURES

Heart health notifications, the Blood Oxygen app [8], and the ECG app [9] keep you informed and empowered when it comes to your health. Fall Detection [10] and Crash Detection can connect you to emergency services in the event of a hard fall or a serious car crash [11]. Hold the Action button to activate a siren that can be heard up to 600 feet away.

Legal

Apple Watch Ultra 2 requires iPhone Xs or later with iOS 17 or later.

[1] Battery life varies by use and configuration. See apple.com/batteries for more information.

[2] Available late 2023. Requires Apple Watch Series 9 or Apple Watch Ultra 2.

[3] Requires an iPhone and Apple Watch with second-generation Ultra Wideband chip.

[4] Learn more at apple.com/2030.

[5] Apple Watch Ultra 2 has a water resistance rating of 100 meters under ISO standard 22810 and may be used for high-speed water sports and recreational scuba diving (with compatible third-party app from the App Store) to 40 meters. Should not be used for diving below 40 meters. Water resistance is not a permanent condition and can diminish over time. For additional information, see support.apple.com/HT205000. Apple Watch Ultra 2 is also rated IP6X dust resistant.

[6] Wireless service plan required for cellular service. Contact your service provider for more details. Connection may vary based on network availability. Check apple.com/watch/cellular for participating network providers and eligibility. See support.apple.com/HT207578 for additional setup instructions.

[7] A subscription is required for Oceanic+. Available on the App Store. Always follow diving protocols, and dive with a companion and have a secondary device.

[8] The Blood Oxygen app is for wellness purposes only and not for medical use.

[9] The ECG app is available on Apple Watch Series 4 and later (excluding Apple Watch SE) and can generate an ECG similar to a single-lead electrocardiogram. Intended for use by people 22 years old and over.

[10] Fall Detection updates are available on Apple Watch Series 4 and later with watchOS 8 and later.

[11] Emergency SOS requires a cellular connection or Wi-Fi calling with an internet connection from your Apple Watch or nearby iPhone.

Main Specifications

Product Description	Apple Watch Ultra 2 - black titanium - smart watch with Alpine Loop - dark green - 64 GB
Product Type	Smart watch
Manufacturer Model Number	A2986
Activity / Sport	Golf, running, swimming, ski, cycling, hiking, walking, yoga, snowboarding, strength training, elliptical, multisport, dance, stair stepping, pilates, wheelchair, high-intensity interval training (HIIT), outdoor rowing, paddling, rowing machine, cooldown, core training, tai chi, kickboxing
Tracking Data	Distance, time, calories burned, activity, sleep activity, heart rate, blood oxygen saturation, sleep stages, noise level, menstrual cycle, ECG, ovulation phase, mindfulness, depth
Connectivity	LTE, Wi-Fi 4, UWB, Bluetooth 4G
Navigation	GPS/GLONASS/Galileo/BeiDou/QZSS receiver
Display	Retina LTPO2 OLED 410 x 502 pixels - 326 ppi - sapphire glass - always-on display
Processor	Apple S9 SiP
Storage	64 GB
Operating System	WatchOS 11
Case	Rectangular - 49 mm - titanium (grade 5)
Band	Dark green - Alpine Loop - textile - size: M - changeable
Payment Technology	Apple Pay
Intelligent Assistant	Siri
Input	Touch screen, customisable action button, side button, double tap gesture
Fits Wrist with Circumference	145-190 mm
Notifications	Calendar, SMS, Email, applications, high and low heart rate, irregular rhythm, sleep apnea notifications, backtrack
Features	Call handling, store & play music, Fall detection, Emergency SOS, medication reminder, heart rate zones, Family Setup support, International Emergency Calling, Siren (86-decibel), Crash Detection, noise monitoring, Compass Waypoint, fast charge, brightness: 3000 nits, track detection
Supported Host Device OS	iOS
Battery	Rechargeable Lithium Ion
Battery Run Time	Up to 36 hours
Dimensions (WxDxH)	44 mm x 14.4 mm x 49 mm
Weight	61.8 g
Carbon Footprint	0 kg carbon emissions
Specific Absorption Rate (SAR)	0.22 W/kg (head) ¦ 0.83 W/kg (limb)
Manufacturer Warranty	1-year warranty

Extended Specification

General

Product Type	Smart watch
Manufacturer Model Number	A2986
Supported Host Device OS	iOS 18 or later
Notifications	Calendar, SMS, Email, applications, high and low heart rate, irregular rhythm, sleep apnea notifications, backtrack
Navigation	GPS/GLONASS/Galileo/BeiDou/QZSS receiver
Activity / Sport	Golf, running, swimming, ski, cycling, hiking, walking, yoga, snowboarding, strength training, elliptical, multisport, dance, stair stepping, pilates, wheelchair, high-intensity interval training (HIIT), outdoor rowing, paddling, rowing machine, cooldown, core training, tai chi, kickboxing
Tracking Data	Distance, time, calories burned, activity, sleep activity, heart rate, blood oxygen saturation, sleep stages, noise level, menstrual cycle, ECG, ovulation phase, mindfulness, depth

Payment Technology	Apple Pay
Modes	Night mode
Audio Input	Three-microphone array
Audio Output	Dual speakers
Operating System	WatchOS 11
Wearing Style	Watch style
Feedback Type	Audio alert, vibration alert, visual interface
Clock Display	Yes
Set Goals	Yes
Sensors	Ambient light sensor, digital compass, depth gauge, electrical heart sensor, water temperature sensor, optical heart sensor (3d gen), always-on altimeter, temperature sensor, high-g accelerometer, gyroscope with high dynamic range
Features	Call handling, store & play music, Fall detection, Emergency SOS, medication reminder, heart rate zones, Family Setup support, International Emergency Calling, Siren (86-decibel), Crash Detection, noise monitoring, Compass Waypoint, fast charge, brightness: 3000 nits, track detection

Storage

Capacity	64 GB
----------	-------

Miscellaneous

Preloaded Software	GymKit, Oceanic+, Depth app
Vibrating Alert	Yes
Body Material	Titanium (grade 5)
Protection	Water-resistant, dust-resistant
Compliant Standards	IP6X, BFR-free, PVC-free, Beryllium-free, Mercury-free, MIL-STD-810H, EN13319, Arsenic-free
Specific Absorption Rate (SAR)	0.22 W/kg (head) † 0.83 W/kg (limb)
Included Accessories	Magnetic fast charger to USB-C cable (1 m)
Warranty	1-year warranty

Environmental Parameters

Max Depth of Water Resistance	100 m
Min Operating Temperature	-20 °C
Max Operating Temperature	55 °C
Humidity Range Operating	5 - 90% RH (non-condensing)
Max Altitude Operating	9000 m

Display

Type	Retina LTPO2 OLED - colour
Resolution	410 x 502 pixels
Protection	Sapphire glass
Pixel Density	326 ppi
Always On Display (AOD)	Yes

Battery

Technology	Lithium Ion
Rechargeable Battery	Yes
Wireless Charging	Yes
Run Time (Up To)	36 hours
Run Time Details	Normal use - up to 36 hour(s) † Low power mode - up to 18 hour(s) † Power saving mode - up to 72 hour(s)

Connectivity

4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 6, Band 7, Band 8, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 39, Band 40, Band 41, Band 66
Wireless Interface	LTE, IEEE 802.11n, Ultra-Wideband (UWB), Bluetooth 5.3

Input Device

Type	Touch sensitive screen, customisable action button, side button, double tap gesture
------	---

Dimensions & Weight

Details	Case only: 61.8 g
---------	-------------------

Cellular

Technology	WCDMA (UMTS)
Mobile Broadband Generation	4G
Service Provider	Not specified
SIM Card Type	Electronic SIM card (e-SIM)

CPU

Manufacturer	Apple
Type	S9 SiP
Features	W3 Apple wireless chip, second-generation Ultra Wideband chip, 4-core Neural Engine

Band

Name	Alpine Loop
Changeable	Yes
Size	M
Fits Wrist with Circumference	145-190 mm
Clasp Type	G-hook
Material	Textile
Colour	Dark green

Smart Watch Case

Case Shape	Rectangular
Case Size	49 mm
Crown Type	Digital with haptic feedback
Case Back	Sapphire crystal and ceramic back
Case Details	Black titanium

Internet of Things (IoT)

Internet of Things (IoT) Compatible	Yes
Intelligent Assistant	Siri
Voice Controlled	Direct

Sustainability Information

Carbon Footprint	0 kg carbon emissions
------------------	-----------------------

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet