



## Apple Watch Ultra 4 (Demo) GPS + Cellular 49mm Natural Titanium Case with Sand Trail Loop - M/L

**Brand :** Apple

**Product family:** Watch

**Product code:** 3Q045Z/A

**Product name :** Apple Watch Ultra 4 (Demo) GPS + Cellular 49mm Natural Titanium Case with Sand Trail Loop - M/L

- The longest battery life of any Apple Watch. Now with up to 45 hours of Max Extended Workout tracking
  - All-new Health Sensing System delivers the most accurate heart rate sensing in a wearable
  - A new personal readiness score tells you whether to rest or put yourself to the test
  - More frequent heart rate variability, or HRV, readings help provide insights on stress and recovery
  - In the redesigned Health app, learn which habits are influencing your Health Age and how to improve them
  - Make every day more effortless with Siri AI.4 And seamless with Audio Intelligence, powered by the S11 chip
  - Apple Watch Ultra 4 features built-in satellite communications that help you stay connected and safe off the grid
- Watch Ultra 4 (Demo), 49mm, GPS + Cellular, Titanium, Always-On Retina, S11, Digital Crown, watchOS

[Apple Watch Ultra 4 \(Demo\) GPS + Cellular 49mm Natural Titanium Case with Sand Trail Loop - M/L:](#)

**A battery you can't outrun.**



| Display                           |                           | Features                       |                                                                                                                                                                                                                                    |
|-----------------------------------|---------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display technology *              | OLED                      | Quality of sleep               | ✓                                                                                                                                                                                                                                  |
| Display technology marketing name | Retina                    | Double tap gesture             | ✓                                                                                                                                                                                                                                  |
| Display area                      | 1245 mm²                  | Irregular rhythm notifications | ✓                                                                                                                                                                                                                                  |
| Display brightness                | 3000 cd/m²                | Hypertension notifications     | ✓                                                                                                                                                                                                                                  |
| Display brightness (min)          | 1 cd/m²                   | SOS alert function             | ✓                                                                                                                                                                                                                                  |
| Pixel density                     | 326 ppi                   | Personal info management (PIM) | SOS                                                                                                                                                                                                                                |
| Minimum refresh rate              | 1 Hz                      | Ambient light sensor           | ✓                                                                                                                                                                                                                                  |
| Always-on display                 | ✓                         | Virtual assistant              | Apple Siri                                                                                                                                                                                                                         |
| Colour display                    | ✓                         | Haptic feedback                | ✓                                                                                                                                                                                                                                  |
| Display type *                    | Digital                   | Refurbished                    | ✗                                                                                                                                                                                                                                  |
| Display resolution *              | 422 x 514 pixels          | Electronic compass             | ✓                                                                                                                                                                                                                                  |
| Touchscreen *                     | ✓                         | Skin temperature sensor        | ✓                                                                                                                                                                                                                                  |
| Rounded display corners           | ✓                         |                                |                                                                                                                                                                                                                                    |
| Watch glass type                  | Sapphire                  |                                |                                                                                                                                                                                                                                    |
| Processor                         |                           |                                |                                                                                                                                                                                                                                    |
| Processor manufacturer            | Apple                     | Recommended activity           | Cooldown, Cycling, Dance, Elliptical, Golf, HIIT, Hiking, Kickboxing, Outdoor rowing, Paddling, Pilates, Running, Skiing, Snowboarding, Stair stepper, Swimming, Tai Chi, Walking, Wheelchair, Yoga, Rowing, Core training, Diving |
| Processor model                   | S11                       |                                |                                                                                                                                                                                                                                    |
| Processor cores                   | 2                         |                                |                                                                                                                                                                                                                                    |
| Neural processor unit (NPU)       | Apple Neural Engine (ANE) | Virtual pacer function         | ✓                                                                                                                                                                                                                                  |
| Neural processor unit (NPU) cores | 4                         | Running dynamics               | ✓                                                                                                                                                                                                                                  |
| Design                            |                           | Workout tracking               | ✓                                                                                                                                                                                                                                  |
| Band material *                   | Nylon                     | Water temperature sensor       | ✓                                                                                                                                                                                                                                  |
| Band size *                       | M/L                       | Apple Intelligence             | ✓                                                                                                                                                                                                                                  |
| Shape *                           | Rectangular               |                                |                                                                                                                                                                                                                                    |

| Design                             |                                                                                                                                                                                                                                                                                                                                                                                                                            | Features                             |                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------|
| Wrist size range                   | 145 - 220 mm                                                                                                                                                                                                                                                                                                                                                                                                               | Altimeter                            | ✓                                                                                       |
| Market positioning *               | Smartwatch                                                                                                                                                                                                                                                                                                                                                                                                                 | Military standard                    | MIL-STD-810H                                                                            |
| Watch case size *                  | 49 mm                                                                                                                                                                                                                                                                                                                                                                                                                      | Compatible products                  | iPhone 11 or later, including iPhone SE (2nd generation or later), with iOS 27 or later |
| Watch case colour *                | Titanium                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Network</b>                       |                                                                                         |
| Watch case material *              | Titanium                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                                         |
| Band colour *                      | Sand                                                                                                                                                                                                                                                                                                                                                                                                                       | Mobile network connection *          | ✓                                                                                       |
| Protection features                | Dust resistant, Water resistant, Waterproof                                                                                                                                                                                                                                                                                                                                                                                | Mobile network generation            | 5G                                                                                      |
| International Protection (IP) code | IP6X                                                                                                                                                                                                                                                                                                                                                                                                                       | 4G standard                          | LTE-TDD & LTE-FDD                                                                       |
| Removable strap                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | 5G standard                          | Sub6 TDD, Sub6 FDD, NR                                                                  |
| Magnetic charging connector        | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | GPS (satellite)                      | ✓                                                                                       |
| Waterproof up to                   | 100 m                                                                                                                                                                                                                                                                                                                                                                                                                      | BeiDou                               | ✓                                                                                       |
| <b>Performance</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                            | Galileo                              | ✓                                                                                       |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | Quasi-Zenith Satellite System (QZSS) | ✓                                                                                       |
| FM radio *                         | ✗                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Ports &amp; interfaces</b>        |                                                                                         |
| Mobile operating systems supported | iOS                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |                                                                                         |
| Operating system installed         | watchOS 27                                                                                                                                                                                                                                                                                                                                                                                                                 | Wi-Fi standards                      | Wi-Fi 4 (802.11n)                                                                       |
| Flash memory                       | 64 GB                                                                                                                                                                                                                                                                                                                                                                                                                      | Bluetooth                            | ✓                                                                                       |
| 64-bit computing                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Bluetooth Low Energy (BLE)           | ✓                                                                                       |
| Built-in microphone *              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | USB port *                           | ✗                                                                                       |
| Built-in speaker(s) *              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Near Field Communication (NFC) *     | ✓                                                                                       |
| Built-in camera *                  | ✗                                                                                                                                                                                                                                                                                                                                                                                                                          | Wi-Fi *                              | ✓                                                                                       |
| Crash detection                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Bluetooth version *                  | 5.3                                                                                     |
| Fall detection                     | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Headphone connectivity *             | Bluetooth                                                                               |
| Noise monitoring                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Power</b>                         |                                                                                         |
| Backtrack                          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                                                                         |
| Audio Intelligence                 | Live Rewind, Siri Recap, Sound Recognition, Shazam                                                                                                                                                                                                                                                                                                                                                                         | Battery type *                       | Built-in battery                                                                        |
| Built-in flashlight                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Battery life (max) *                 | 50 h                                                                                    |
| Check In function                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Battery life (power save mode)       | 84 h                                                                                    |
| Health Sensing System              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Wireless charging                    | ✓                                                                                       |
| <b>Features</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | Fast charging                        | ✓                                                                                       |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Operational conditions</b>        |                                                                                         |
| Accessibility features             | Accessibility Shortcut, AssistiveTouch, Audio Volume Balance, Auto Transcription, Auto-Answer Calls, Bold Text, Button Click Speed, Color Filters, Hourly Chimes, Increase Contrast, Live Listen, Live Speech, Mono Audio, On/Off Labels, Personal Voice, RTT Support, Reduce Motion, Reduce Transparency, Taptic Time, Text Size, Touch Accommodations, Type to Siri, VoiceOver, Zoom, Sound Recognition, Voice Isolation |                                      |                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | Operating temperature (T-T)          | 0 - 35 °C                                                                               |
| Heart rate monitor *               | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Storage temperature (T-T)            | -20 - 45 °C                                                                             |
| Heart rate sensor type             | Electrical, Optical                                                                                                                                                                                                                                                                                                                                                                                                        | Operating relative humidity (H-H)    | 5 - 90%                                                                                 |
| Heart rate measuring               | Automatic, Manual                                                                                                                                                                                                                                                                                                                                                                                                          | Operating altitude                   | -500 - 9000 m                                                                           |
| Blood oxygen sensor                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Battery</b>                       |                                                                                         |
| Depth gauge sensor                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                                                                         |
| Sleep apnea detection              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Battery technology *                 | Lithium-Ion (Li-Ion)                                                                    |
| Distance travelled                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Weight &amp; dimensions</b>       |                                                                                         |
| Pedometer                          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                                                                         |
| Accelerometer                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Width                                | 44 mm                                                                                   |
| Gyroscope                          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Depth                                | 49 mm                                                                                   |
| Activity tracker                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Thickness                            | 1.2 cm                                                                                  |
| Multisport mode                    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                          | Weight                               | 63 g                                                                                    |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Packaging data</b>                |                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Packaging content</b>             |                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            | Cables included                      | Magnetic Fast Charger to USB-C                                                          |



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