



Apple Watch Ultra 4 GPS + Cellular 49mm Natural Titanium Case with Desert Alpine Loop - S

Brand : Apple **Product family:** Watch **Product code:** MJAE4DH/A

Product name : Apple Watch
Ultra 4 GPS + Cellular 49mm
Natural Titanium Case with
Desert Alpine Loop - S



- 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, 49mm, GPS + Cellular, Titanium, Always-On Retina, S11, Digital Crown, watchOS

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**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		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 manufacturer	Apple		
Processor model	S11		
Processor cores	2		
Neural processor unit (NPU)	Apple Neural Engine (ANE)		
Neural processor unit (NPU) cores	4	Recommended activity	
Design		Virtual pacer function	✓
		Running dynamics	✓
		Workout tracking	✓
Band material *	Polyester, Spandex	Water temperature sensor	✓
Band size *	S	Apple Intelligence	✓
Shape *	Rectangular		

Design		Features	
Wrist size range	130 - 160 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		
Watch case material *	Titanium		
Band colour *	Beige		
Protection features	Dust resistant, Water resistant, Waterproof		
International Protection (IP) code	IP6X	Network	
Removable strap	✓	Mobile network connection *	✓
Magnetic charging connector	✓	Mobile network generation	5G
Waterproof up to	100 m	4G standard	LTE-TDD & LTE-FDD
Performance		5G standard	Sub6 TDD, Sub6 FDD, NR
FM radio *	✗	GPS (satellite)	✓
Mobile operating systems supported	iOS	BeiDou	✓
Operating system installed	watchOS 27	Galileo	✓
Flash memory	64 GB	Quasi-Zenith Satellite System (QZSS)	✓
64-bit computing	✓	Ports & interfaces	
Built-in microphone *	✓	Wi-Fi standards	Wi-Fi 4 (802.11n)
Built-in speaker(s) *	✓	Bluetooth	✓
Built-in camera *	✗	Bluetooth Low Energy (BLE)	✓
Crash detection	✓	USB port *	✗
Fall detection	✓	Near Field Communication (NFC) *	✓
Noise monitoring	✓	Wi-Fi *	✓
Backtrack	✓	Bluetooth version *	5.3
Audio Intelligence	Live Rewind, Siri Recap, Sound Recognition, Shazam	Headphone connectivity *	Bluetooth
Built-in flashlight	✓	Power	
Check In function	✓	Battery type *	Built-in battery
Health Sensing System	✓	Battery life (max) *	50 h
Features		Battery life (power save mode)	84 h
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	Wireless charging	✓
		Fast charging	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-20 - 45 °C
Heart rate monitor *	✓	Operating relative humidity (H-H)	5 - 90%
Heart rate sensor type	Electrical, Optical	Operating altitude	-500 - 9000 m
Heart rate measuring	Automatic, Manual	Battery	
Blood oxygen sensor	✓	Battery technology *	Lithium-Ion (Li-Ion)
Depth gauge sensor	✓	Weight & dimensions	
Sleep apnea detection	✓	Width	44 mm
Distance travelled	✓	Depth	49 mm
Pedometer	✓	Thickness	1.2 cm
Accelerometer	✓	Weight	63 g
Gyroscope	✓	Packaging data	
Activity tracker	✓	Package width	214 mm
Multisport mode	✓	Package depth	118 mm
		Package height	38 mm
		Package weight	448 g
		Packaging content	
		Cables included	Magnetic Fast Charger to USB-C



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