



Apple Watch Ultra 4 GPS + Cellular 49mm Black Titanium Case with Black Titanium Milanese Loop - S

Brand : Apple

Product family: Watch

Product code: MJAU4DH/A

Product name : Apple Watch
Ultra 4 GPS + Cellular 49mm
Black Titanium Case with Black
Titanium Milanese 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		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 manufacturer	Apple		
Processor model	S11		
Processor cores	2		
Neural processor unit (NPU)	Apple Neural Engine (ANE)		
Neural processor unit (NPU) cores	4	Virtual pacer function	✓
Design		Running dynamics	✓
Band material *	Titanium	Workout tracking	✓
Band size *	S	Water temperature sensor	✓
Shape *	Rectangular	Apple Intelligence	✓
		Altimeter	✓

Design		Features	
Wrist size range	130 - 160 mm	Military standard	MIL-STD-810H
Market positioning *	Smartwatch	Compatible products	iPhone 11 or later, including iPhone SE (2nd generation or later), with iOS 27 or later
Watch case size *	49 mm		
Watch case colour *	Black		
Watch case material *	Titanium		
Band colour *	Black		
Protection features	Dust resistant, Water resistant, Waterproof	Network	
International Protection (IP) code	IP6X	Mobile network connection *	✓
Removable strap	✓	Mobile network generation	5G
Magnetic charging connector	✓	4G standard	LTE-TDD & LTE-FDD
Waterproof up to	100 m	5G standard	Sub6 TDD, Sub6 FDD, NR
Performance		GPS (satellite)	✓
FM radio *	✗	BeiDou	✓
Mobile operating systems supported	iOS	Galileo	✓
Operating system installed	watchOS 27	Quasi-Zenith Satellite System (QZSS)	✓
Flash memory	64 GB	Ports & interfaces	
64-bit computing	✓	Wi-Fi standards	Wi-Fi 4 (802.11n)
Built-in microphone *	✓	Bluetooth	✓
Built-in speaker(s) *	✓	Bluetooth Low Energy (BLE)	✓
Built-in camera *	✗	USB port *	✗
Crash detection	✓	Near Field Communication (NFC) *	✓
Fall detection	✓	Wi-Fi *	✓
Noise monitoring	✓	Bluetooth version *	5.3
Backtrack	✓	Headphone connectivity *	Bluetooth
Audio Intelligence	Live Rewind, Siri Recap, Sound Recognition, Shazam	Power	
Built-in flashlight	✓	Battery type *	Built-in battery
Check In function	✓	Battery life (max) *	50 h
Health Sensing System	✓	Battery life (power save mode)	84 h
Features		Wireless charging	✓
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	Fast charging	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-20 - 45 °C
		Operating relative humidity (H-H)	5 - 90%
Operating altitude	-500 - 9000 m		
Heart rate monitor *	✓	Battery	
		Battery technology *	Lithium-Ion (Li-Ion)
		Weight & dimensions	
		Width	44 mm
		Depth	49 mm
Heart rate sensor type	Electrical, Optical	Thickness	1.2 cm
Heart rate measuring	Automatic, Manual	Weight	63.1 g
Blood oxygen sensor	✓	Packaging data	
Depth gauge sensor	✓	Package width	214 mm
Sleep apnea detection	✓	Package depth	118 mm
Distance travelled	✓	Package height	38 mm
Pedometer	✓	Package weight	448 g
Accelerometer	✓	Packaging content	
Gyroscope	✓	Cables included	Magnetic Fast Charger to USB-C
Activity tracker	✓		
Multisport mode	✓		



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