



Apple Watch Series 12 GPS + Cellular 46mm Natural Titanium Case with Natural Milanese Loop - S/M

Brand : Apple

Product family: Watch

Product code: MJGP4MP/A

Product name : Apple Watch Series 12 GPS + Cellular 46mm Natural Titanium Case with Natural Milanese Loop - S/M

- All-new Health Sensing System delivers the most accurate heart rate sensing in a wearable
- Should you rest or put yourself to the test? Now a personal readiness score lets you know
- More frequent heart rate variability, or HRV, readings help provide insights on stress and recovery
- A new optical heart rate sensor enables high-frequency heart rate tracking every five seconds, all day long, so you'll never miss a beat
- 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. And seamless with Audio Intelligence, powered by the S11 chip
- A powerful health and fitness tracker designed with built-in safety features to bring you peace of mind. Watch Series 12, 46mm, GPS + Cellular, Titanium, Always-On Retina, S11, Digital Crown, watchOS



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Apple Watch Series 12

A work of heart.

Display		Features	
Display technology *	OLED	Personal info management (PIM)	SOS
Display technology marketing name	Retina	Ambient light sensor	✓
Display area	1196 mm²	Virtual assistant	Apple Siri
Display brightness	2000 cd/m²	Haptic feedback	✓
Display brightness (min)	1 cd/m²	Refurbished	✗
Pixel density	326 ppi	Electronic compass	✓
Minimum refresh rate	1 Hz	Skin temperature sensor	✓
Always-on display	✓	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
Colour display	✓		
Display type *	Digital		
Display resolution *	416 x 496 pixels		
Touchscreen *	✓		
Rounded display corners	✓	Virtual pacer function	✓
Watch glass type	Sapphire front crystal	Running dynamics	✓
Processor		Workout tracking	✓
Processor manufacturer	Apple	Water temperature sensor	✓
Processor model	S11	Apple Intelligence	✓
Processor cores	2	Altimeter	✓
Neural processor unit (NPU)	Apple Neural Engine (ANE)	Network	
Neural processor unit (NPU) cores	4	Mobile network connection *	✓
Design		Mobile network generation	5G
Band size *	S/M	4G standard	LTE-TDD & LTE-FDD
Shape *	Rectangular	5G standard	Sub6 TDD, Sub6 FDD, NR
Wrist size range	140 - 245 mm	GPS (satellite)	✓
Market positioning *	Smartwatch	BeiDou	✓
Watch case size *	46 mm	GLONASS	✓
Watch case colour *	Titanium		

Design		Network		
Watch case material *	Titanium	Galileo	✓	
Protection features	Dust resistant, Water resistant, Waterproof	Quasi-Zenith Satellite System (QZSS)	✓	
International Protection (IP) code	IP6X	Ports & interfaces		
Removable strap	✓	Wi-Fi standards	Wi-Fi 4 (802.11n)	
Magnetic charging connector	✓	Bluetooth	✓	
Waterproof up to	50 m	Bluetooth Low Energy (BLE)	✓	
Performance		USB port *	✗	
FM radio *	✗	Near Field Communication (NFC) *	✓	
Mobile operating systems supported	iOS	Wi-Fi *	✓	
Operating system installed	watchOS 27	Bluetooth version *	5.3	
Flash memory	64 GB	Headphone connectivity *	Bluetooth	
Built-in microphone *	✓	Power		
Built-in speaker(s) *	✓	Battery type *	Built-in battery	
Built-in camera *	✗	Battery life (max) *	24 h	
Crash detection	✓	Battery life (power save mode)	38 h	
Fall detection	✓	Wireless charging	✓	
Noise monitoring	✓	Fast charging	✓	
Backtrack	✓	Operational conditions		
Audio Intelligence	Live Rewind, Shazam, Sound Recognition, Siri Recap	Operating temperature (T-T)	0 - 35 °C	
Built-in flashlight	✓	Storage temperature (T-T)	-20 - 45 °C	
Check In function	✓	Operating relative humidity (H-H)	5 - 90%	
Health Sensing System	✓	Operating altitude	0 - 3000 m	
Features		Battery		
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	Battery technology *	Lithium-Ion (Li-Ion)	
		Software		
		Health and Wellness apps	Readiness app; Vitals app with heart rate, respiratory rate, wrist temperature, sleep duration, and heart rate variability (HRV); Blood Oxygen app; ECG app; Heart Rate app; High and low heart rate notifications; Recovery HRV; High-frequency background heart rate tracking; Irregular rhythm notifications; Advanced Cycle Tracking app with fertile window estimates, retrospective ovulation estimates, and perimenopause and menopause support; Medications app; Mindfulness app with state of mind tracking; Noise app; Sleep app including sleep stages; Sleep score; Sleep apnea notifications; Hypertension notifications	
Heart rate monitor *	✓	Weight & dimensions		
Heart rate sensor type	Electrical, Optical	Width	40 mm	
Blood oxygen sensor	✓	Depth	46 mm	
Depth gauge sensor	✓	Thickness	9.7 mm	
Sleep apnea detection	✓	Weight	44.9 g	
Distance travelled	✓	Packaging data		
Accelerometer	✓	Package width	77 mm	
Gyroscope	✓	Package depth	240 mm	
Activity tracker	✓	Package height	30 mm	
Multisport mode	✓	Package weight	300 g	
Quality of sleep	✓			
Double tap gesture	✓			
Irregular rhythm notifications	✓			
Hypertension notifications	✓			
SOS alert function	✓			



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