mobvoi

TicWatch Pro 5

Powerful, inside and out.

mobvoi

Fast Charge

30 mins

65% charge

Wear OS by Google
Latest version

Rotating Crown with haptic feedback

Iconic Dual Display

Heart Rate Backlights

80hrs Smart Mode

611 mAh Battery

45 days Essential Mode

Snapdragon® W5+ Gen 1 Wearable Platform

TicWatch Pro 5
Powerful, inside and out.

Monday May 20

One Tap Measurement of Multiple Health Metrics

Heart rate
86 bpm

Blood oxygen
98% Normal

Respiratory rate
12 brpm

Stress
73

Heart health
Normal

Calories
413 KCAL

Recovery time
1:12:00

Laps
14

Recovery Time

357° North

Compass

GPS

Barometer
1016 hpa

▲ 1090
▼ 998

Barometer

VO2 Max

March 3 19:00
VO2 Max
31 ml/kg/min

Sleep Tracking

1 Mar 2023

23:00-07:15
8.15 min
Sleep quality 76%

Mar.01 23:00-7:15
Sleep time
8 h **15** min
Sleep quality
76 %

100+ 🏊🚶🏃🚴
Professional Workout Modes
*TicMotion™ proactively detects workouts.

Stay Connected

5 ATM
Water Resistant

Corning® Gorilla®
Glass

MIL-STD 810H Certified

1000+ Watch Faces

Snapdragon® W5+ Gen 1 Wearable Platform

The Most Advanced
Wearable Platform from Qualcomm.

Equipped with the most advanced wearable platform from Qualcomm today, TicWatch Pro 5 is unprecedentedly powerful and responsive. The next-level processing power enables seamless connectivity, lightning-fast responsiveness and extreme power efficiency.

		Snapdragon® W5+ Gen 1 Wearable Platform	**Snapdragon Wear™ 4100** Platform
Power	**> 50% Better**		
	Process Nodes	4nm, 22nm	12nm, 28nm
	Low Power Islands	**Audio, Wi-Fi, GNSS**	None
	Low Power States	RBSC, TWM, **Deep Sleep, Hibernate**	RBSC, TWM
Performance	**> 2X Faster**		
	CPU	4x A53 + 1x **M55 250Mhz**	4x A53 + 1x M0 50Mhz
	GPU	A702 1GHz + 2.5D GPU	A504 320MHz
	Memory	1x **16** LPDDR**4 2133**MHz	1x 32 LPDDR3 750MHz
	Machine Learning	**U55**	None
Features	**> 2X Richer**		
	Offload Use-cases	Display, Sensors, **Notifications, Audio**	Display, Sensors
	Modem / RFFE	Rel **13 w/ Cat 1bis, E911 w/ z-axis**	Rel 10 w/ Cat 1, E911
	GNSS	L1+**L5**, PDR**4.5**	L1, PDR4.0
	Bluetooth	Bluetooth **5.3, QHS**	Bluetooth 4.2/5.0
	Integrated Speaker PA	1 W @ 13Ω Class D	None
Size	**> 30% Smaller**		
	Area	**90mm²** (SoC + PMIC)	100mm² SoC + 28mm² PMIC
	Height	**0.48mm** max	0.69mm max

Rotating Crown

Rotating Crown.
Where software structure meets tactile elegance.

The bliss of scrolling through the digital world with the immediate response of TicWatch Pro 5's rotating crown, complete with satisfying haptic feedback, elevates the smartwatch-wearing experience to whole new heights.

Press to launch apps

5ATM Water Resistance suitable for open-water swimming.

Scroll to switch tiles

Scroll to switch tiles, increase or decrease your music volume.

Scroll to zoom

Zoom in and out on maps at ease.

Ultra-low-power Display

Iconic Dual-layer Display.

Our unique and renowned Ultra-low-power Display in industry is now redesigned with heart rate backlight and newly integrated functionalities.

Heart Rate Zone Backlights

Select from an array of 18 bright colors for Ultra-low-power display to fit your look. When exercising, effortlessly track your heart rate as the backlight changes to the beat of your heart. Six colored zones ranging from serene aquamarine, to sharp orange and fiery scarlet, indicates your warm-up, cardio, or dangerous heart rate zones at a quick glance.

Upgraded 2nd-layer Display

In extreme scenarios, even in Essential mode, the Ultra-low-power display empowers you to stay on top of your health data via 5 switchable tiles such as notifications, heart rate, blood oxygen, calories, and a compass, ensuring an informed navigation experience.

Durability

Built to last in the wild.

MIL-STD 810H Certified

5 ATM
Water resistant

Corning® Gorilla®
Glass

7000 Series **Aluminium Case**

Aircraft grade aluminium alloy shell, light, yet withstands pressure in extreme environments.
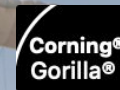
Metal Bezel

Low carbon, high-strength, superior corrosion-resistant steel endures the most severe environment day in, day out.

5ATM Water Resistant

Suitable for open-water swimming.

Corning® Gorilla® Glass

The type of screen resilient enough to endure everyday scratch, also tough enough to survive hard drops on bumpy tracks.

MIL-STD-810H

Tested under the highest military standard going through temperature shocks, drops and pressure. Exposure to sand or dust, ice or rain, this watch never cease to tick.

Monday
May 20

Battery

Built to last in the wild.

TicWatch Pro 5 delivers an astonishing 80-hour battery life in Smart Mode and up to 45 days in Essential Mode. With scheduled or smart* Essential Mode, TicWatch Pro 5 dynamically adapts to your lifestyle, effortlessly extending your adventures without any interruption.

Fast Charge

30mins

65% of battery
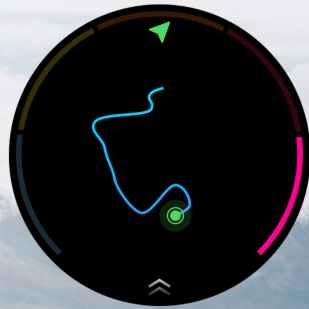
611mAh
Battery

80hours
Smart Mode

45days
Essential Mode

Outdoor Utility

Stay in the zone.

Stay oriented, find your way back to camp, or even guide you to places you've never been. Traverse any terrain with the built-in GPS, compass and barometer on TicWatch Pro 5.

Barometer
1016 hpa
1090
998

Altimeter
1520 M
1920
1500

Barometer & Altimeter
to elevate your game.

Five GNSS including GPS to pinpoint where you are.

357°
North

Compass to stay oriented and find your way back.

Fitness

Minimize risks.
Maximize gains.

Recovery Time

TicWatch Pro 5 uses advanced algorithms, along with your unique health and fitness profile to provide highly personalized insights about when your body is ready for the next workout and avoid potential injury risks.

VO2 Max

TicWatch Pro 5 estimates the amount of oxygen your body can consume during intense exercise, it provides insights into how efficiently your heart and lungs are working.

100+ Workout Modes Tracking

With more than 100 professional workout modes, including newly integrated open water swimming tracking, the TicWatch Pro 5 is designed to inspire you to take on challenges indoors, up on a mountain or in water.

Health

Take control of your health.

One Tap Measurement of Multiple Health Metrics*

With just one tap, TicWatch Pro 5's cutting-edge algorithms deliver 5 vital health metrics in 90 seconds: heart rate, blood oxygen, respiratory rate, stress level, and heart health*.

24HRS Heart Rate Monitoring

The state-of-the-art sensor on TicWatch Pro 5 constantly monitors your heart rate on a 24H basis, giving you a comprehensive view of your heart's health, alerting you when heart rates are abnormal.

Sleep Monitoring

With its ability to track your Awake, Light, Deep, and REM sleep stages, as well as your heart rate, blood oxygen, respiratory rate, and skin temperature, you'll gain valuable insights into your sleep patterns and overall health in the Mobvoi Health app.

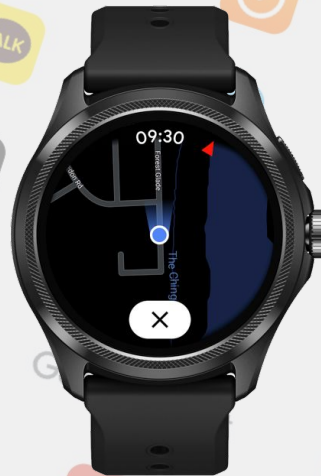*This feature is not intended to diagnose or treat any medical condition or for any other medical purpose.
*Access to heart health data is restricted in specific geographic locations.

Stay connected

Google Ecosystem

Powered with the latest version of Wear OS by Google, TicWatch Pro 5 opens up a world of cutting-edge apps and services. Get unexplored routes for your outdoor jogs with Google Maps' wrist-worn turn-by-turn directions. Google Wallet™ allows you to tap and pay everywhere Google Pay is accepted, and goes beyond payments with keys, passes, tickets, IDs & more. You'll always discover new apps via Google Play to elevate your experience.

SPECIFICATIONS

Model	TicWatch Pro 5
Dimensions (mm)	50.15 x 48 x 12.2
Weight	44.35g
Color	Obsidian
Watch Case	Metal, 7000-serie Aluminum and High-strength Nylon with Fiberglass
Screen	Corning Gorilla Anti-fingerprint Cover Glass
Watch Band	Solid Silicone (Interchangeable), 24mm
Operating System	Wear OS by Google™
Chipset	Snapdragon® W5+ Gen 1 Wearable Platform
Memory	RAM: 2GB / ROM: 32GB
Display	1.43" 466*466 326ppi Always On Display OLED + Ultra-low-power Display

Connectivity	Bluetooth 5.2, Wi-Fi: 2.4GHz
GNSS	GPS+Beidou+Glonass+Galileo+QZSS
NFC Payments	Yes (Google Wallet)
Speaker	Yes
Mic	Yes
Vibrator	Yes
PPG	Yes
Barometer	Yes
Compass	Yes
Sensors	Accelerometer, Gyro Sensor, HD PPG Heart Rate Sensor, SpO2 Sensor, Skin Temperature Sensor, Low Latency Off-Body Sensor
Battery Capacity	611mAh
Durability	5ATM, Open Water Swim/MIL-STD-810H

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Product photos

Lifestyle photos