

Product Specifications

Galaxy Watch5



44mm

● Graphite ● Sapphire ● Silver

Dimensions¹
43.3 x 44.4mm

Thickness
9.8mm

Weight²
33.5g

Display
Sapphire Crystal
1.4" (34.6mm) 450x450
Super AMOLED,
Full Color Always On Display



Armor Aluminum case
with Sport Band
Applicable
for any lifestyle

40mm

● Graphite ● Silver ● Pink Gold

Dimensions¹
39.3 x 40.4mm

Thickness
9.8mm

Weight²
28.7g

Display
Sapphire Crystal
1.2" (30.4mm) 396x396
Super AMOLED,
Full Color Always On Display



Advanced Samsung BioActive Sensor
Improved curvature of back glass



Longer-lasting battery & Faster charge



The Watch That Knows You Best

Sleep Coaching³

Provide data-based coaching and daily missions to improve sleep quality

Body Composition⁴

Measure your body composition such as muscle mass, fat, water, and weak electrical pulses

Sweat Loss⁵

Track your sweat loss in real time to manage your workout plan

Blood Pressure^{6,8}

Check up your vital signs & blood pressure, everyday from your wrist

ECG (Electrocardiogram)^{7,8}

Monitor your heart condition on your phone with the data, synced from the watch

Heart Rate⁹ & Blood Oxygen

Monitor the invisible vascular condition regularly and catch the abnormal symptoms in advance



Processor
Exynos W920 Dual-Core
1.18GHz

Memory
1.5GB RAM +
16GB internal storage

Battery¹⁰
44mm: 410mAh
40mm: 284mAh

Charging¹¹
Faster Charging
(WPC-based
wireless charging)

OS¹²
Wear OS Powered by
Samsung (Wear OS 3.5)

UI
One UI Watch4.5

Connectivity
LTE¹³, Bluetooth 5.2,
Wi-Fi 802.11 a/b/g/n
2.4+5GHz, NFC,
GPS/Glonass/Beidou/Galileo

Sensors
Samsung BioActive Sensor (Optical Heart Rate +
Electrical Heart Signal + Bioelectrical Impedance Analysis),
Temperature Sensor, Accelerometer, Barometer, Gyro Sensor,
Geomagnetic Sensor, Light Sensor

Durability
SATM + IP68 /
MIL-STD-810H

Compatibility¹⁴
Android 8.0 or higher and
with more than 1.5GB of RAM



SAMSUNG

1. Measured without health sensors. 2. Measured without strap. 3. Sleep features are intended for general wellness and fitness purposes only. Not intended for use in detection, diagnosis, treatment of any medical condition or sleep disorder. The measurements are for your personal reference only. Please consult a medical professional for advice. 4. Intended for general wellness and fitness purposes only. Not intended for use in detection, diagnosis, treatment, monitoring or management of any medical condition or disease. Any health-related information accessed through the device and/or application should not be treated as medical advice. Users should seek any medical advice from a physician. Do not measure your body composition if you have an implanted pacemaker or other implanted medical devices. Do not measure your body composition if you are pregnant. Measurement results may not be accurate if you are under 20 years old. 5. To measure, select 'Running' on your watch and run at least 5km/h for at least 2.5km. Only for use with outdoor running. 6. The Blood Pressure feature is only available in select markets. The Blood Pressure feature is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease. To ensure accuracy, users should calibrate their device every four weeks with a traditional blood pressure cuff. The BP app cannot diagnose hypertension, other conditions, or check for signs of a heart attack. This app can only be used for measuring in ages 22 and over. It is not meant to replace traditional methods of diagnosis or treatment by a qualified healthcare professional. 7. The ECG feature is only available in select markets. The ECG app is not intended to replace traditional methods of diagnosis or treatment. The ECG app is not intended for users with known arrhythmias other than atrial fibrillation or users under 22 years old. Users should not interpret or take clinical action based on the device output without consultation of a qualified healthcare professional. 8. Blood pressure and ECG feature may vary by market. Due to market restrictions in obtaining approval/registration as a medical device, Blood pressure and ECG only works on watches and smartphones purchased in the markets where service is currently available (however, service may be restricted when users travel to non-service countries). Check out <https://www.samsung.com/apps/samsung-health-monitor> for more information and latest update on service markets. 9. Heart rate feature is intended for general wellness and fitness purposes only. Not intended for use in detection, diagnosis, or treatment of any medical condition or disease. Availability of these features may vary by market or device. 10. Actual battery life may vary depending on network environment, usage patterns and other factors. 11. Testing conducted by Samsung in June 2022 using pre-released version of Galaxy Watch5 (BT & LTE), each paired to a Samsung phone; all devices tested with pre-release software, Galaxy Watch Magnetic Fast Charging USB C Cable (EP-OR900), and Samsung 25W USB C Power Adapter (EP-TA800). Charge time varies with region, settings, usage pattern and environmental factors; actual results may vary. Samsung 25W USB C Power Adapter (EP-TA800) sold separately. 12. Wear OS Powered by Samsung works with phones running the latest version of Android (excluding Google edition and phones without Google Play Store). Supported features may vary between platforms and markets with compatibility subject to change. 13. LTE connectivity only available in LTE models. 14. Device activation is only available after connecting to a smartphone that supports Google Mobile Services. Compatible devices may vary by market, operator or device brand.

All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice. Availability may vary depending on market, model and the paired smartphone.