Product Specifications
Galaxy Watch5

44mm
● Graphite ● Sapphire ● Silver

Dimensions[1]
43.3 x 44.4mm

Thickness
9.8mm

Weight[2]
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

Dimensions[1]
39.3 x 40.4mm

Thickness
9.8mm

Weight[2]
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 Coaching[3]
Provide data-based coaching and daily missions to improve sleep quality

Body Composition[4]
Measure your body composition such as muscle mass, fat, water, and weak electrical pulses

Sweat Loss[5]
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 Rate[9] & Blood Oxygen
Monitor the invisible vascular condition regularly and catch the abnormal symptoms in advance

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Processor
Exynos W920 Dual-Core
1.18GHz

Memory
1.5GB RAM +
16GB internal storage

Battery[10]
44mm: 410mAh
40mm: 284mAh

Charging[11]
Faster Charging
(WPC-based
wireless charging)

OS[12]
Wear OS Powered by
Samsung (Wear OS 3.5)

UI
One UI Watch4.5

Connectivity
LTE[13], 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
5ATM + IP68 /
MIL-STD-810H

Compatibility[14]
Android 8.0 or higher and
with more than 1.5GB of RAM

SAMSUNG