Samsung's Expanded Wearables Portfolio Unlocks Intelligent Health Experiences for All

Samsung Galaxy Ring, Galaxy Watch7 and Galaxy Watch Ultra enable new, intelligent health experiences across the portfolio, making everyday wellness more meaningful

PARIS, France – July 10, 2024 – Samsung Electronics Co., Ltd. today announced the new Galaxy Ring, Galaxy Watch7 and Galaxy Watch Ultra[1], expanding the power of Galaxy AI[2] to more people through wearables designed to provide end-to-end wellness experiences[3] for everyone.

These new additions to the wearables portfolio are central to Samsung's vision for Galaxy AI to enhance digital health, delivering personalized insights and tailored health experiences that enable a more comprehensive understanding of yourself through a holistic approach to everyday wellness. Obtaining accurate, detailed, and advanced information on personal health is a key factor in this process, and Samsung's accumulated sensor innovations on Galaxy Ring, Galaxy Watch7 and Galaxy Watch Ultra are helping bring its vision to life. Galaxy Ring delivers a straight-forward approach to wellness, offering health monitoring, tracking, and personalized insights while worn comfortably on a finger, even while asleep. Galaxy Watch7 maximizes everyday wellness with personalized workouts along with intelligent and preventative health monitoring capabilities. Galaxy Watch Ultra – the newest addition to the Galaxy Watch lineup – is Samsung's most capable smartwatch yet, designed for next level achievements.

"The latest additions to our wearables portfolio integrate Samsung's most advanced technologies and innovations, enabling you to take control of your health and wellness with preventative healthcare solutions," said TM Roh, President and Head of Mobile eXperience Business at Samsung Electronics. "The intelligence, guidance and insights that are offered with Galaxy Ring, Galaxy Watch7 and Galaxy Watch Ultra will help users turn data into meaningful insights and create a whole new era of expanded intelligent health experiences."

Galaxy Ring: Simplifying Wellness, Starting With Sleep

Galaxy Ring[4] offers a simple approach to everyday wellness, featuring Samsung's proven sensor technology in the smallest unobtrusive form, and provides insights that help you understand yourself easily. Designed for 24/7 health monitoring[5], Galaxy Ring is lightweight[6], weighing from 2.3 grams to 3.0 grams, ensuring comfort during extended wear[7]. Its distinct **concave design** adds a touch of style while maintaining durability. With **10ATM water resistance[8]** and **Titanium Grade 5[9]** finish, you can confidently wear Galaxy Ring anywhere without worry. Experience continuous usage with **up to seven days battery life[10]**, and benefit from a specially designed **charging case[11]** that features aesthetic LED lighting to indicate charging status. Stay true to your personal style with **three color choices** – Titanium Black, Titanium Silver and Titanium Gold, along with a sizing kit[12] that helps you find the right fit from **nine size options.**

With Galaxy Ring, you can enjoy around-the-clock support that is customized to your needs and becomes more powerful over time thanks to the advanced technology of Galaxy AI. All data and insights are integrated into **Samsung Health[13]** for seamless access within one cohesive platform without a subscription. Starting with sleep, the foundation of wellness, Galaxy Ring features Samsung's best-in-class sleep analysis[14] and a powerful **sleep AI algorithm** to help you easily understand your sleep patterns and build better habits. Along with **Sleep Score** and snoring analysis, new sleep metrics such as **movement during sleep**, **sleep latency, heart and respiratory rate** provide a detailed and accurate analysis of sleep quality. With **Cycle Tracking[15]**, you can better track your menstrual cycle through overnight skin temperature monitoring.

Holistic insights and motivational encouragement provided by Galaxy Ring allow you to wake up refreshed and ready to take on your day. It starts with Galaxy AI, which generates a detailed health report that includes various health metrics. New **Energy Score**[16], a Galaxy AI enabled feature, enhances your awareness of the ways your health influences your daily life, so you can utilize recommendations based on your current physical state to focus your daily efforts on making improvements. This score is calculated by evaluating your physical and mental conditions across four significant factors: Sleep, Activity, Sleeping Heart Rate and Sleeping Heart Rate Variability. Additionally, you can receive personalized messages aimed at enhancing

your well-being across all areas of your health journey, thanks to **Wellness Tips**[17], which is driven by comprehensive data and individual interests.

Galaxy Ring also supports broader everyday wellness monitoring, allowing you to stay informed about your heart health with **Heart Rate Alert**[18]. This feature provides instant notifications regarding unusually high or low heart rates in real-time via the Samsung Health app. You can gain additional details about your heart rate including beats per minute, time start and time duration with **Live Heart Rate Check.** Galaxy Ring also helps you maintain an active lifestyle and stay motivated with automatic walking and running tracking via **Auto Workout Detection**[19], and daily fitness reminders with **Inactive Alert**. In addition, you can easily take photos or dismiss your alarm on Galaxy smartphones with a double pinch via **Gestures**[20], and find the location of your Galaxy Ring via your Galaxy smartphone with **Find My Ring** on **Samsung Find**[21].

Galaxy Watch7: Comprehensive Understanding Of Everyday Wellness

Galaxy Watch7[22] is designed to help you gain a holistic understanding of yourself. Galaxy Watch7 motivates you to create healthier days with more ways to support everyday wellness. You can accurately track over 100 workouts and build routines by combining various exercises with **Workout Routine** to achieve your goals. With **Race**[23], compare current and past performance in real-time to track progress and maintain motivation. Receive a complete body and fitness snapshot with **Body Composition**[24] for a comprehensive understanding of your body.

In addition to the new advanced **AI algorithm** for sleep analysis, Galaxy Watch7 offers the De Novo FDA-authorized **Sleep Apnea feature**[25], providing a simple, proactive tool to check potential signs of sleep apnea. Receive real-time readings and alerts for abnormally high or low heart rates with **Heart Rate monitoring**[26], detect irregular heart rhythms suggestive of atrial fibrillation (AFib) with **IHRN (Irregular Heart Rhythm Notification)** [27] , and get a deeper understanding of your heart health with **Electrocardiogram (ECG)**[28] and **Blood Pressure (BP) monitoring**[29].

These advanced, in-depth monitoring and tailored insights are made possible thanks to Samsung's most innovative hardware on Galaxy Watch7. An enhanced **BioActive Sensor** offers increased accuracy[30], empowering you to better understand yourself with comprehensive readings. For the first time, Galaxy

Watch7 allows you to conveniently track advanced glycation end products (AGEs) right from your wrist with an **AGEs Index**[31]. Strongly influenced by diet and lifestyle, AGEs reflect your overall biological aging process and provide an indication of metabolic health.

Equipped with the most powerful chip in the Galaxy Watch line-up, and for the first time a **3nm Processor,** Galaxy Watch7 delivers a more seamless wearable experience with three times faster CPU[32] and 30% improved power efficiency[33] of application processor. In addition, Galaxy Watch7 is the first Galaxy smartwatch to feature a **Dual-frequency GPS system**[34], which can more precisely track location[35] even in dense urban environments, enabling you to conquer wherever you are.

Featuring Samsung's iconic circle design, Galaxy Watch7 allows you to match your personal style with **new watch bands**[36], including a ripple shape design and colorful stitch details, along with a variety of watch faces. Galaxy Watch7 also brings more intuitive and seamless experiences between connected Galaxy devices. Answer messages effortlessly with intelligent **Suggested replies**[37], which suggests suitable responses by analyzing previous conversations through Galaxy AI. With **Double Pinch Gestures**[38], easily control a Galaxy Watch and connected Galaxy smartphone even when your hands are full, and simply use the all-in-one **Samsung Wallet**[39] from payments to accessing Digital IDs to make every day more convenient.

Galaxy Watch7 will be available in two sizes, 40mm and 44mm. Galaxy Watch7 40mm is available in Green and Cream, while Galaxy Watch7 44mm is available in Green and Silver.

Galaxy Watch Ultra: Maximizing Passionate Performance

Building on the foundation of Galaxy Watch7's advanced health monitoring features and powerful hardware, Galaxy Watch Ultra – the newest and most powerful addition to the Galaxy Watch portfolio – further unlocks enhanced fitness experiences for next level achievements with ultimate intelligence and capabilities. Echoing Galaxy Watch's circle design legacy, a new **cushion design** enhances protection and visual completeness, while a **Dynamic Lug System** for enhanced comfort empowers you to be the best version of yourself anywhere, anytime.

Premium capabilities built for **extreme durability** enable you to push limits and go further with a **Titanium Grade 4**[40] frame and **10ATM water resistance**[41]. Additionally, Galaxy Watch Ultra operates at a wider range of altitudes, from 500 meters below sea level to 9,000 meters high for tracking advanced fitness experiences like swimming in the ocean to cycling in extreme environments[42].

Track multi-course workouts for a triathlon from swimming to cycling to running with new **Multi-sports tile**. Plus, new Functional Threshold Power (FTP) for cycling accurately measures maximum cycling power in just 4 minutes with AI-powered **FTP metrics**[43] to unlock full potential based on indicators unique to you. Galaxy Watch Ultra also provides an advanced **Personalized HR Zone**[44], so you can workout at optimal intensity levels based on your physical capabilities.

Start open
water swim

Multisport ›
1.50
km
40.00
km
10.00
km

With a newly added **Quick Button**, you can instantly initiate and control workouts and map other functions to suit your needs. Plus, you can activate an **Emergency Siren**[45] for safety. Post-workout, check stats at a glance with dedicated watch faces for Galaxy Watch Ultra which automatically switch to **Night Mode**[46] for optimal readability in the dark. Additionally, with a peak brightness of 3,000 nits, Galaxy Watch Ultra also ensures readability even in bright sunlight. For peace of mind during longer adventures, Galaxy Watch Ultra has the longest battery life within the Galaxy Watch line-up, offering up to 100 hours in **Power Saving**[47] and 48 hours in **Exercise Power Saving**[48].

Galaxy Watch Ultra[49] will be available in a 47mm size in Titanium Gray, Titanium White and Titanium Silver.

Galaxy Watch7 and Galaxy Watch Ultra are the first Android smartwatches powered by Wear OS 5, the most powerful release from Wear OS yet. Offering advanced performance and power efficiency, Wear OS 5 ensures you can enjoy more seamless and smooth interactions and use your Galaxy Watch for longer. In addition, you can maximize your wearable experience with access to a variety of popular apps right from your wrist, including Galaxy services, Google apps and fan-favorite third-party apps.

As always, the power of Samsung's connected Galaxy ecosystem brings even greater benefits to unlock even more potential. You can receive a more seamless and accurate health analysis from a wider range of data by wearing Galaxy Watch and Galaxy Ring together, improving precision and accuracy day through night, especially for sleep. Plus, wear Galaxy Ring even longer when paired with Galaxy Watch, further extending the already-long battery life up to 30%.

Availability[50]
Galaxy Ring, Galaxy Watch7 and Galaxy Watch Ultra will be available for pre-order in select markets starting July 10, with general availability starting July 24.

About Samsung Electronics Co., Ltd.
Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, home appliances, network systems, and memory, system LSI, foundry and LED solutions, and delivering a seamless connected experience through its SmartThings ecosystem and open collaboration with partners. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

Galaxy Ring Product Specifications

Galaxy Ring	
Color	Titanium Black, Titanium Silver, Titanium Gold
Dimensions[7] & Weight[6]	7.0mm x 2.6mm, 2.3g (Size 5) ~ 3.0g (Size 13)
Sizing[12]	9 (Size 5 - 13)
Memory	8MB
Battery[10]	Galaxy Ring: 18mAh (Size 5) - 23.5mAh (Size 13)
	Charging Case: 361mAh
	Up to 7 days Charge for 30mins: 40%
Sensor	Accelerometer
	PPG
	Skin Temperature
Connectivity	BLE 5.4
Durability	10ATM[8], IP68 / Titanium Grade 5[9]
Charging Case[11]	Size: 48.9 (W) x 48.9 (L) x 24.51 (H)
	Weight: 61.3g
	Materials: PC, SUS (hinge)
	Battery: Provide portable charging (361mAh)

Galaxy Watch7 & Galaxy Watch Ultra Product Specifications

	Galaxy Watch7	Galaxy Watch Ultra
Color	- 44mm: Green, Silver - 40mm: Green, Cream	47mm: Titanium Silver, Titanium Gray, Titanium White
Dimensions[51] & Weight[52]	- 44mm: 44.4 x 44.4 x 9.7mm, 33.8g - 40mm: 40.4 x 40.4 x 9.7mm, 28.8g	47mm: 47.1 x 47.4 x 12.1mm, 60.5g
Display	Sapphire Crystal - 44mm: 1.5-inch (37.3mm) 480x480 Super AMOLED, Full Color Always On Display - 40mm: 1.3-inch (33.3mm) 432x432 Super AMOLED, Full Color Always On Display	Sapphire Crystal - 47mm: 1.5-inch (37.3mm) 480x480 Super AMOLED, Full Color Always On Display
Processor	Exynos W1000 (5 Core, 3nm)	
Memory & Storage	2GB memory + 32GB storage	
Battery[53] (typical)	- 44mm: 425mAh - 40mm: 300mAh	590mAh
Charging[54]	Fast Charging (WPC-based wireless charging)	
OS[55]	Wear OS Powered by Samsung (Wear OS 5)	
UI	One UI 6 Watch	
Sensors	Samsung BioActive Sensor (Optical Bio-signal Sensor + Electrical Heart Signal + Bioelectrical Impedance Analysis), Temperature Sensor, Accelerometer, Barometer, Gyro Sensor, Geomagnetic Sensor, Light Sensor	Samsung BioActive Sensor (Optical Bio-signal Sensor + Electrical Heart Signal + Bioelectrical Impedance Analysis), Temperature Sensor, Accelerometer, Barometer, Gyro Sensor, Geomagnetic Sensor, Light Sensor
Connectivity	LTE[56], Bluetooth 5.3, Wi-Fi 2.4+5GHz, NFC, GPS(L1+L5)/Glonass/Beidou/Galileo	
Durability[57]	5ATM + IP68 / MIL-STD-810H	10ATM[41]+ IP68[58] / MIL-STD-810H / Ocean Swimming, Operation Temperature / Altitude Guaranteed
Compatibility	Android 11 or higher and with more than 1.5GB of memory[59]	

[1] Availability may vary depending on market, model and the paired smartphone. All functionalities, 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.

[2] Samsung does not make any promises, assurances or guarantees as to the accuracy, completeness or reliability of the output provided by AI features. Samsung account login may be required to use certain Samsung AI features. Galaxy AI service may be limited for minors in certain regions with age restrictions over AI usage. Galaxy AI features will be provided for free until the end of 2025 on supported Samsung Galaxy devices. Different terms may apply for AI features provided by third parties.
[3] Intended for general wellness and fitness purposes only. Not intended for use in the 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. Certain features may vary by market, carrier or the paired device.
[4] Galaxy Ring must be paired with a Samsung Galaxy smartphone with Android 11.0 or above and minimum 1.5GB Memory. Samsung Health app (v6.27 or above) and Samsung account login is required. Service availability may vary by country or region. Availability of Galaxy Ring sizes and colors may vary by country or region.
[5] Samsung Health tracking features are intended for general wellness and fitness purposes only. Not intended for use in the detection, diagnosis, treatment, monitoring or management of any medical condition or disease. Any health-related information accessed through the device and application should not be treated as medical advice. Users should seek any medical advice from a physician.
[6] Weight of Galaxy Ring varies by size. Size 5 Galaxy Ring is 2.3g, size 6 Galaxy Ring is 2.4g, size 7 Galaxy Ring is 2.4g, size 8 Galaxy Ring is 2.6g, size 9 Galaxy Ring is 2.7g, size 10 Galaxy Ring is 2.8g, size 11 Galaxy Ring is 3.0g, size 12 Galaxy Ring is 3.0g, and size 13 Galaxy Ring is 3.0g.
[7] Galaxy Ring is 7.0mm x 2.6T with weight ranging from 2.3g to 3.0g depending on size (Size 5-13).
[8] Galaxy Ring has a water resistance rating of 100 meters according to the ISO22810 standard. The test was conducted in 5% salt water and 4ppm chlorine water. Galaxy Ring is also water resistant with an IP68 rating based on the lab test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. It is not suitable for high-pressure water activities and diving. It may be used for shallow-water activities like swimming in a pool or ocean. Water resistance is not a permanent condition and can diminish over time. If it's been exposed to sea water, rinse it in fresh water and dry after use. Refer to the user manual for further information, including care/use instructions.
[9] Titanium is only applied on Galaxy Ring device frame.
[10] Battery life is based on testing conducted with the size 12 and size 13 Galaxy Ring. Battery life of the size 12 and size 13 Galaxy Ring lasts up to 7 days on a single charge. Battery life varies by ring size. Battery life is based on results from internal lab tests for typical usage pattern scenarios conducted by Samsung. Tested with results from a pre-released version of the device under the scenario of Sleep Tracking for 6 hours, Auto Workout Detection for 1 hour and 30 minutes and several specific events (20 times of reconnection after disconnection, 3 times of Samsung Health app setting change, 0.5 times of Find My Ring execution, 3 minutes of Gestures execution) assuming 24 hours of use per day. Actual battery life may vary depending on different usage patterns, device model or the battery manufacturer. Rated capacity is 17mAh for Galaxy Ring sizes 5,6,7 (battery life lasts up to 6 days on a single charge), 18.5mAh for sizes 8,9,10,11 (battery life lasts up to 6 days on a single charge), and 22.5mAh for sizes 12,13 (battery life lasts up to 7 days on a single charge). Testing conducted by Samsung using Fast Charging USB C Cable, and Samsung 25W USB C Power Adapter. Charge time varies with settings, usage patterns and environmental factors; actual results may vary.
[11] Galaxy Ring includes 1 Charging Case and 1 USB cable. Size of Charging Case varies depending on Galaxy Ring size. Wireless charger sold separately.
[12] Availability of Galaxy Ring sizes and colors may vary by country or region. Galaxy Ring sizes are based on US standard sizes (Size 5 – Size 13). One Sizing Kit is available free of charge upon purchasing the Galaxy Ring. Only one Sizing Kit is provided per order number. Sample rings included in the Galaxy Ring Sizing Kit are inoperable and for measuring ring size only. Wearing the ring for at least 24 hours is recommended to test the ring.
[13] For Samsung Health AI features, the health data tracked from Samsung Galaxy Ring must be synchronized with the Samsung Health app. Needs at least the previous day's activity, sleep data and heart rate data during sleep. Not intended for use in the detection, diagnosis or treatment of any medical condition.
[14] Sleep tracking features are intended for general wellness and fitness purposes only. Not intended for use in the detection, diagnosis or treatment of medical conditions or sleep disorders. The measurements are for your personal reference only. Please consult a medical professional for advice.
[15] Cycle Tracking is available for cycle and period prediction which is powered by Natural Cycles. Cycle Tracking based on skin temperature works on smartphones and Galaxy Rings purchased in the countries where the service is currently available. Due to country restrictions in obtaining approval/registration as a Software as a medical device (SaMD), Cycle Tracking based on skin temperature only works on phones, watches and rings purchased in the countries where the service is currently available. NOT INTENDED FOR CONTRACEPTION. If you are currently taking hormonal birth control or undergoing hormonal treatment that inhibits ovulation, this service will not be useful for tracking ovulation. Predictions displayed are for personal reference only. To improve the accuracy of predictions, it is recommended to wear your Galaxy Ring for at least 4 hours during sleep, 5 times a week. Predictions may vary depending on the proper use of your Galaxy Ring, input data, environmental conditions, etc. Intended for users 18 years old and above. Users should not interpret or take clinical action based on the predictions made without consultation of a qualified healthcare professional. Requires latest version of Samsung Health app.
[16] Energy Score is intended for general wellness and fitness purposes only. Energy Score is only supported in Galaxy Ring or Galaxy Watch4 series and later released Samsung Galaxy Watch models. To check the Galaxy AI-powered Energy Score, the health data tracked from Samsung Galaxy Watch or Galaxy Ring must be synchronized with the Samsung Health app. Previous activity, sleep data and heart rate data during sleep must be tracked.
[17] Wellness Tips is available on Android phones (Android 11 or above) and requires Samsung Health app (v6.27 or above). Samsung account login is required. Service availability may vary by country or region. Not intended for use in the detection, diagnosis or treatment of any medical condition. The result is for your personal reference only. Please consult a medical professional for advice.

[18] Heart Rate Alert is intended for general wellness and fitness purposes only. Not intended for use in the detection, diagnosis, treatment, monitoring or management of any medical condition or disease. Any health-related information accessed through the device and Samsung Health app should not be treated as medical advice. Users should seek any medical advice from a physician.
[19] Auto Workout Detection is intended for general wellness and fitness purposes only. Not intended for use in the detection, diagnosis, treatment, monitoring or management of any medical condition or disease. Any health-related information accessed through the device and Samsung Health app should not be treated as medical advice. Users should seek any medical advice from a physician.
[20] Gestures is only possible for camera control and alarm dismiss. The Gestures feature can only be used on the Galaxy Ring paired with Samsung Galaxy smartphones running One UI 6.1.1 or above. For alarm dismiss, the clock app version must be 12.3.30.35 or above.
[21] Find My Ring is only supported by Samsung Find. Location history (Track My Ring) is not supported. Find My Ring on Samsung Find tracks Galaxy Ring based on the last connected location. Samsung Find is only available on Samsung Galaxy devices with Android 11.0 or later. Find My Ring shows the last location the Galaxy Ring was paired with a Samsung Galaxy device. It does not keep track of Galaxy Ring's location.
[22] Compatible smartphones and available features may vary by country or region, carrier or device.
[23] Race is available for outdoor running and outdoor cycling only. For comparative measurements, it is required to run on the same path as the pre-generated path. Users can compare by selecting one of the records from a previous timeframe of up to 14 days. Comparing records through Race is only available when starting at the same location as the previous record's start point. It will be converted to running mode automatically if it deviates from its previous path by more than 10%.
[24] Body Composition is only supported in Samsung Galaxy Watch4 series and later released Galaxy Watch models. Body Composition should not be used if you have an implanted pacemaker or other implanted medical devices, or if you are pregnant. Any health-related information accessed through the device and application should not be treated as medical advice. Measurement results may not be accurate if you are under 20 years old. The measurements are for your personal reference only. Please consult a medical professional for advice.
[25] The Sleep Apnea feature is currently available in select countries only. The Sleep Apnea feature requires at least 2 days of sleep data within a span of 10 days (the two days do not necessarily have to be consecutive but must be recorded within those 10 days). Not intended for use in the detection, diagnosis or treatment of any medical condition. The Sleep Apnea feature result is for your personal reference only. Please consult a medical professional for advice.
[26] Heart Rate monitoring features are intended for general wellness and fitness purposes only. Not intended for use in the detection, diagnosis, treatment, monitoring or management of any medical condition or disease. Any health-related information accessed through the device and application should not be treated as medical advice. Users should seek any medical advice from a physician.
[27] The IHRN feature is only available in select markets. It is not intended to provide a notification on every episode of irregular rhythm suggestive of AFib and the absence of a notification is not intended to indicate no disease process is present. It is not intended for users with other known arrhythmias.
[28] The ECG feature is only available in select markets. It is not intended to replace traditional methods of diagnosis or treatment. The feature is not intended for users with known arrhythmias other than AFib. Users should not interpret or take clinical action based on the device output without consultation with a qualified healthcare professional.
[29] The Blood Pressure feature is only available in select markets. To ensure accuracy, users should calibrate their device every four weeks with a traditional blood pressure cuff. The Blood Pressure feature cannot diagnose hypertension, other conditions, or check for signs of a heart attack. It is not meant to replace traditional methods of diagnosis or treatment by a qualified healthcare professional.
[30] Compared to previous Galaxy Watch series.
[31] AGEs Index monitoring is only available on Galaxy Watch7 and Galaxy Watch Ultra. The Galaxy Watch uses light sensors that operate within the limits set by the IEC62471 safety regulations. However, people with photosensitive skin may have adverse reactions to light, such as skin discoloration or a rash. Avoid using this feature if you experience symptoms of photosensitivity. AGEs Index monitoring is for fitness and wellness only, not for the diagnosis and treatment of any medical condition. If you're concerned about your health, please consult a medical professional for advice.
[32] Compared to previous processor.
[33] Compared to previous processor.
[34] GPS accuracy may vary depending on network environment and other factors. GPS function requires internet connection. Can be used on LTE models without paired smartphone. Non-LTE models require Bluetooth connection to paired smartphone.
[35] Compared to previous Galaxy Watch series.
[36] Additional watch bands are sold separately. Availability of watch bands may vary by market or carrier.
[37] Suggested replies is only available on Galaxy Watch running One UI 6 Watch or above. The watch requires the latest Wear OS version installed and must be paired with a Samsung Galaxy smartphone released after the Galaxy S24 series running One UI 6.1.1 or above, as of Jul. 2024. Service availability may vary by language and app. Accuracy of results is not guaranteed.
[38] Double Pinch Gestures is off by default. To use the feature, it must be enabled on the Galaxy Watch or the Samsung Galaxy Wearable app. Galaxy Watch must be paired with a Samsung Galaxy smartphone running One UI 6.1.1 or above.
[39] The availability of Samsung Wallet and its features may vary by market and paired smartphone. Check the Samsung Wallet FAQ (www.samsung.com/us/samsung-wallet/faq) for additional compatibility information regarding devices and carriers.
[40] Grade 4 Titanium is partially applied to the front and back cover areas of the metal frame, excluding the display and physical buttons. The remaining parts of the frame are a mix of plastic and Grade 2 Titanium.
[41] Galaxy Watch Ultra is water resistant for 10 minutes in water with a depth of 100 meters according to the ISO22810 standard. The test was conducted in 5% salty water and 4ppm chlorine water.
[42] Galaxy Watch Ultra withstands temperatures ranging from -20°C to 55°C while being worn on the wrist, based on results from internal lab tests conducted by Samsung. Actual performance may vary depending on the environment where it is used. In very high

or low temperatures, charging may be blocked, certain functions may be automatically terminated or unavailable, or the watch may shut down automatically for safety. Additionally, battery performance can be adversely affected at low temperatures.
[43] To measure personalized FTP, a Galaxy smartphone must be connected to a power meter. In order to calculate a more accurate FTP, it is necessary to connect the Galaxy Watch to a smartphone. The FTP is calculated automatically when cycling occurs at a mid to high intensity level for more than 4 minutes with the cycling power meter attached to your bicycle. Using machine learning, the more users ride repeatedly, the more accurate and personalized FTP values will be calculated. The cycling power meter is sold separately. Traditional FTP analysis duration on professional equipment is up to 1 hour on average.
[44] Personalization of Heart Rate Zone is enabled when selecting an outdoor run activity. It is required to run consistently for more than 10 minutes with speeds of 4km/h or faster.
[45] The Emergency Siren emits up to 86-decibel sound and can be heard up to 180 meters away maximum. The loudness and range of the sound may vary depending on the environment. The duration for which the siren can be activated may vary depending on the battery life.
[46] Night Mode is only available on certain watch faces.
[47] When on Power Saving mode, some of the features such as Wi-Fi connection, wake up gesture and others, may become inaccessible. There may also be restrictions on CPU speed, background network and location.
[48] When on Exercise Power Saving mode, some of the features such as network/Bluetooth connection, IoT control and others, may become inaccessible. Only available on Galaxy Watch Ultra.
[49] Only available in LTE model.
[50] Color and size availability may vary by market or region.
[51] Measured without health sensors.
[52] Measured without band.
[53] Battery life is based on results from internal lab tests for typical usage pattern scenarios conducted by Samsung. Actual battery life may vary depending on different usage patterns, device model, network environment and other factors. Typical value tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard.
[54] Testing conducted by Samsung using pre-released version of Galaxy Watch7 and Galaxy Watch Ultra (BT & LTE), each paired to a Samsung phone; all devices tested with prerelease 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.
[55] Wear OS Powered by Samsung works with phones running Android 11 (excluding Go edition and phones without Google Play Store) or later with more than 1.5GB of memory. Compatible devices may vary by market, carrier or device brand.
[56] LTE connectivity only available in LTE models.
[57] Galaxy Watch7 and Galaxy Watch Ultra have obtained MIL-STD 810H Certification: It has undergone a test that repeats from -20°C (1Hr) to 50°C (1Hr) for a total 6 hours.
[58] Galaxy Watch Ultra is water resistant for 10 minutes in water with a depth of 100 meters according to the ISO22810 standard. The test was conducted in 5% salty water and 4ppm chlorine water. Galaxy Watch Ultra is water resistant with an IP68 rating based on the lab test conditions for submersion in up to 1.5 meters fresh water for up to 30 minutes. It is not suitable for high-pressure water activities and diving. It may be used for shallow-water activities like swimming in a pool or ocean. Water resistance is not a permanent condition and can diminish over time. Refer to the user manual for further information, including care/use instructions. Galaxy Watch Ultra is dust resistant with an IP68 rating based on the lab test conditions by a third party: 2kg of talc powder (max. diameter of 0.05mm) per cubic meter was blown into a test chamber housing the device (air pressure within device kept below surrounding air) for 2 hours. Dust-resistance may vary by actual usage conditions.
[59] Device activation is only available after connecting to a smartphone that supports Google Mobile Services. Compatible devices may vary by market, carrier or device brand.