Galaxy S22

	Galaxy S22 Specifications
Display	6.1-inch FHD+* Dynamic AMOLED 2X Display** Super Smooth 120Hz refresh rate (48~120Hz) 240Hz Touch Sampling Rate in Game Mode Vision Booster Eye comfort shield *Measured diagonally, Galaxy S22's screen size is 6.1-inch in the full rectangle and 5.9-inch with accounting for the rounded corners, Galaxy S22+'s screen size is 6.6-inch in the full rectangle and 6.4-inch with accounting for the rounded corners; actual viewable area is less due to the rounded corners and camera hole. ** The Dynamic AMOLED 2X display with Vision Booster on Galaxy S22 and S22+ received a certification from VDE Germany for 100 percent Mobile Color Volume in the DCI-P3 color range, which means your images aren't washed out and you'll get unbelievably vivid colors regardless of differing levels of brightness. The display can achieve peak brightness of up to 1750 nits on Galaxy S22+ and 1300 nits on Galaxy S22 improving the contrast between dark and light aspects of digital content for a more brilliant picture quality, with a 3,000,000:1 contrast ratio on Galaxy S22+ and a 2,000,000:1 contrast ratio on Galaxy S22 to make your mobile experience more immersive.
Security	Samsung Knox, Samsung Knox Vault
Dimensions & Weight	70.6 x 146.0 x 7.6mm, 168g
Camera	12MP Ultra-Wide Camera · F2.2, FOV 120˚ 50 MP Wide Camera · Dual Pixel AF, OIS, F1.8, FOV 85˚ 10MP Telephoto Camera · 3x Optical Zoom, OIS, F2.4, FOV 36˚ 10MP Front Camera · F2.2, FOV 80˚
AP	Advanced 4nm Processing *May differ by market and carrier
Memory	8 + 256GB 8 + 128GB *Actual storage space may vary by market, model, file size and format
Battery	3,700mAh *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. Rated (minimum) capacity is 3590mAh for Galaxy S22 and 4370mAh for Galaxy S22+. Actual battery life may vary depending on network environment, usage patterns and other factors.

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Charging	25W Wired** 15W Wireless*** Wireless PowerShare USB-IF compliant****
	*Estimated against the usage profile of an average/typical user. Independently assessed by Strategy Analytics between 2021.12.08–12.20 in USA and UK with pre-release versions of SM-S901, SM-S906, SM-S908 under default setting using 5G Sub6 networks (NOT tested under 5G mmWave network). Actual battery life varies by network environment, features and apps used, frequency of calls and messages, number of times charged, and many other factors.
	**25W Power Adapter, 45W Power Adapter and data cable sold separately. Using the original Samsung 45W Power Adapter and data cable is recommended for Galaxy S22+. Using the original Samsung 25W Power Adapter and data cable is recommended for Galaxy S22.
	*** Limited to Samsung or other brand smartphones with Qi wireless charging, such as Galaxy S22, S22+, S22 Ultra, Z Fold3 5G, Z Flip3 5G, S21 FE 5G, S21 5G, S21+ 5G, S21 Ultra 5G, Z Fold2, Note20, Note20 Ultra, S20 FE, S20, S20+, S20 Ultra, Z Flip, Note10, Note10+, S10e, S10, S10+, Fold, S9, S9+, S8, S8+, S8 Active, S7, S7 edge, S7 Active, S6, S6 edge, S6 Active, S6 edge+, Note9, Note8, Note FE and Note5. Only available with certain Samsung Galaxy wearables such as Galaxy Buds2, Buds Pro, Buds Live, Watch4, Watch4 Classic, Watch3, Watch Active2, Watch Active, Gear Sport, Gear S3, Galaxy Watch and Galaxy Buds. If battery power is lower than 30% Wireless PowerShare may not function. May not work with certain accessories, covers, other brand devices or some Samsung wearables. May affect call reception or data services, depending on your network environment.
	**** The USB Implementers Forum, Inc. (USB-IF) was established in 1995 to support and accelerate the market and consumer adoption of USB compliant devices. Galaxy S22 and S22+'s Super Fast Charging has been certified to be compliant to the USB standards which means your products have met the highest standards in the industry. This certification can be found on www.usb.org.
OS	Android 12 One UI 4.1
Network and Connectivity	5G*, LTE**, Wi-Fi 6E*** (Galaxy S22+) / Wi-Fi 6 (Galaxy S22), Wi-Fi Direct Bluetooth® v 5.2
	*5G services are only supported in 5G network enabled locations. Requires optimal 5G connection. Actual speed may vary depending on market, carrier, and user environment. **Availability of LTE model varies by country and carrier. ***Wi-Fi 6E network availability may vary by market, network provider and user environment. Requires optimal connection. Will require a Wi-Fi 6E router. *****Ultra Wide Band supported on Galaxy S22+
Sensors	Accelerometer, Barometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Light Sensor, Proximity Sensor
Water Resistance	IP68
	*IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. Rinse residue/dry if wet. Not advised for beach or pool use.