Galaxy S22 Ultra	
Display	6.8" Edge QHD+ Dynamic AMOLED 2X Display Super Smooth 120Hz refresh rate (1~120Hz) 240Hz Touch Sampling Rate in Game Mode Vision booster Eye Comfort Shield with AI based blue light control *Measured diagonally, Galaxy S22's screen size is 6.8" in the full rectangle; actual viewable area is less due to camera hole. *The Dynamic AMOLED 2X display with Vision booster on Galaxy S22 Ultra 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, 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 to make your mobile experience more immersive.
Security	Ultrasonic Fingerprint
Dimensions & Weight	77.9 X 163.x3 X 8.9mm, 229g
Camera	12MP Ultra-Wide Camera • F2.2, FOV 120˚ 108 MP Wide Camera • Dual Pixel AF, F1.8, FOV 85˚ 10MP Telephoto Camera • 3x Optical Zoom, F2.4, FOV 36˚ 10MP Telephoto Camera • 10x Optical Zoom, F4.9, FOV 11˚ 40MP Front Camera • F2.2, FOV 80˚ *100X Space Zoom includes 10x Optical Zoom and 100x digital zoom with AI Super Resolution technology. Zooming in past 10x may cause some image deterioration.
AP	Advanced 4nm Processing
Memory	12GB + 1TB 12 + 512GB 12 + 256GB 8 + 128GB *Actual storage space may vary by country, model, file size and format. * Memory option may vary by country.
Battery	5,000mAh *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 4855mAh for Galaxy S22 Ultra. Actual battery life may vary depending on network environment, usage patterns and other factors.
Charging	Up to 45W 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. *45W Power Adapter and data cable sold separately. Using the original Samsung 45W Power Adapter and data cable is recommended for Galaxy S22 Ultra. *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 Ultra'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. * 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.
OS	Android 12 One UI 4.1
Network and Connectivity	5G, LTE, Wi-Fi 6E, 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. Actual speed may vary depending on market, carrier, and user environment. * Wi-Fi 6E network availability may vary by market, network provider and user environment. Requires optimal connection. *Ultra Wide Band supported
Payment	Samsung Pay with NFC *Available in select markets. Payment solutions and available features may vary depending on market, carrier, and service providers.
Sensors	Accelerometer, Barometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Light Sensor, Proximity Sensor
Water Resistance	IP68 * Galaxy S22 Ultra and S Pen are rated as 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.