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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / CDMA / HSPA / EVDO / LTE / 5G](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-11251.php) |
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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2022, February 09 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2022, February 25 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-11251.php) | 163.3 x 77.9 x 8.9 mm (6.43 x 3.07 x 0.35 in) |
| [**Weight**](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-11251.php) | 228 g / 229 g (mmWave) (8.04 oz) |
| [**Build**](https://www.gsmarena.com/glossary.php3?term=build) | Glass front (Gorilla Glass Victus+), glass back (Gorilla Glass Victus+), aluminum frame |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) or Dual SIM (2 Nano-SIMs + eSIM, dual stand-by) |
|  | IP68 dust/water resistant (up to 1.5m for 30 mins) Armour aluminum frame with tougher drop and scratch resistance (advertised) Stylus, 2.8ms latency (Bluetooth integration, accelerometer, gyro) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | Dynamic AMOLED 2X, 120Hz, HDR10+, 1750 nits (peak) |
| [**Size**](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-11251.php) | 6.8 inches, 114.7 cm2 (~90.2% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 1440 x 3088 pixels (~500 ppi density) |
| [**Protection**](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass Victus+ |
|  | Always-on display |

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| **PLATFORM** | [**OS**](https://www.gsmarena.com/glossary.php3?term=os) | Android 12, One UI 4.1 |
| [**Chipset**](https://www.gsmarena.com/glossary.php3?term=chipset) | Exynos 2200 (4 nm) - Europe Qualcomm SM8450 Snapdragon 8 Gen 1 (4 nm) - ROW |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Octa-core (1x2.8 GHz Cortex-X2 & 3x2.50 GHz Cortex-A710 & 4x1.8 GHz Cortex-A510) - Europe Octa-core (1x3.00 GHz Cortex-X2 & 3x2.40 GHz Cortex-A710 & 4x1.70 GHz Cortex-A510) - ROW |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Xclipse 920 - Europe Adreno 730 - ROW |

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| **MEMORY** | [**Card slot**](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | No |
| [**Internal**](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 128GB 8GB RAM, 256GB 12GB RAM, 512GB 12GB RAM, 1TB 12GB RAM |
|  | UFS 3.1 |

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| **MAIN CAMERA** | [**Quad**](https://www.gsmarena.com/glossary.php3?term=camera) | 108 MP, f/1.8, 23mm (wide), 1/1.33", 0.8µm, PDAF, Laser AF, OIS 10 MP, f/4.9, 230mm (periscope telephoto), 1/3.52", 1.12µm, dual pixel PDAF, OIS, 10x optical zoom 10 MP, f/2.4, 70mm (telephoto), 1/3.52", 1.12µm, dual pixel PDAF, OIS, 3x optical zoom 12 MP, f/2.2, 13mm, 120˚ (ultrawide), 1/2.55", 1.4µm, dual pixel PDAF, Super Steady video |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=camera) | LED flash, auto-HDR, panorama |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=camera) | 8K@24fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS |

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| **SELFIE CAMERA** | [**Single**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 40 MP, f/2.2, 26mm (wide), 1/2.82", 0.7µm, PDAF |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | Dual video call, Auto-HDR |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 4K@30/60fps, 1080p@30fps |

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| **SOUND** | [**Loudspeaker**](https://www.gsmarena.com/glossary.php3?term=loudspeaker) | Yes, with stereo speakers |
| [**3.5mm jack**](https://www.gsmarena.com/glossary.php3?term=audio-jack) | No |
|  | 32-bit/384kHz audio Tuned by AKG |

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| **COMMS** | [**WLAN**](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac/6e, dual-band, Wi-Fi Direct, hotspot |
| [**Bluetooth**](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 5.2, A2DP, LE |
| [**GPS**](https://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS, BDS, GALILEO |
| [**NFC**](https://www.gsmarena.com/glossary.php3?term=nfc) | Yes |
| [**Radio**](https://www.gsmarena.com/glossary.php3?term=fm-radio) | No |
| [**USB**](https://www.gsmarena.com/glossary.php3?term=usb) | USB Type-C 3.2, USB On-The-Go |

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| **FEATURES** | [**Sensors**](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer |
|  | Samsung DeX, Samsung Wireless DeX (desktop experience support) Bixby natural language commands and dictation Samsung Pay (Visa, MasterCard certified) Ultra Wideband (UWB) support |

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| **BATTERY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Ion 5000 mAh, non-removable |
| [**Charging**](https://www.gsmarena.com/glossary.php3?term=battery-charging) | Fast charging 45W USB Power Delivery 3.0 Fast Qi/PMA wireless charging 15W Reverse wireless charging 4.5W |

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| **MISC** | [**Colors**](https://www.gsmarena.com/glossary.php3?term=build) | Phantom Black, White, Burgundy, Green, Graphite, Red, Sky Blue |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | SM-S908B, SM-S908B/DS, SM-S908U, SM-S908U1, SM-S908W, SM-S908N, SM-S9080, SM-S908E, SM-S908E/DS |
| [**SAR**](https://www.gsmarena.com/glossary.php3?term=sar) | 1.18 W/kg (head)     0.98 W/kg (body) |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 1.05 W/kg (head)     1.58 W/kg (body) |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 1,096.83 / € 1,269.00 / £ 1,149.00 / ₹ 109,999 / C$ 1,649.98](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-price-11251.php) |

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| **TESTS** | [**Performance**](https://www.gsmarena.com/glossary.php3?term=benchmarking) | AnTuTu: 968359 (v9) GeekBench: 3657 (v5.1) GFXBench: 37fps (ES 3.1 onscreen) |
| [**Display**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal)](https://www.gsmarena.com/samsung_galaxy_s22_ultra-review-2382p3.php) |
| [**Camera**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=11251&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=11251&nSuggest=1) |
| [**Loudspeaker**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p7.php) | [-27.3 LUFS (Good)](https://www.gsmarena.com/samsung_galaxy_s22_ultra-review-2382p3.php#lt) |
| [**Battery life**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 108h](https://www.gsmarena.com/samsung_galaxy_s22_ultra_5g-11251.php) |
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