



Samsung Galaxy S20 Ultra 5G 128GB 12GB RAM SM-G988B Cosmic

Price: 1181.00 €
<https://www.mobileshop.eu/samsung/mobile-phones/galaxy-s20-ultra-5g-128gb-12gb-ram-sm-g988b-cosmic/>

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|-----------------|---------------------|---|
| Network | Technology: | GSM / CDMA / HSPA / EVDO / LTE / 5G |
| | 2G bands: | GSM 850 / 900 / 1800 / 1900 |
| | 3G bands: | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 |
| | Speed: | HSPA 42.2/5.76 Mbps, LTE-A (7CA) Cat20 2000/200 Mbps; 5G (5+ Gbps DL) |
| | | CDMA2000 1xEV-DO |
| | 4G bands: | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 14(700), 18(800), 19(800), 20(800), 25(1900), 26(850), 28(700), 29(700), 30(2300), 38(2600), 39(1900), 40(2300), 41(2500), 46(5200), 48, 66(1700/2100), 71(600) SM-G988U |
| | 5G: | SA/NSA/Sub6/mmWave5G band 2(1900), 5(850), 41(2500), 66(1700), 71(600), 260(39 GHz), 261(28 GHz), SM-G988U |
| Launch | Announced: | 2020, February 11 |
| | Status: | Available. Released 2020, March 6 |
| Body | Dimensions: | 166.9 x 76 x 8.8 mm |
| | Weight: | 222 g |
| | | Samsung Pay (Visa, MasterCard certified) |
| | | IP68 dust/water resistant (up to 1.5m for 30 mins) |
| | Build: | Glass front (Gorilla Glass 6), glass back (Gorilla Glass 6), aluminum frame |
| | SIM: | Nano-SIM and/or eSIM |
| Display | Type: | Dynamic AMOLED 2X capacitive touchscreen, 16M colors |
| | Size: | 6.9 inches, 114.0 cm ² (~89.9% screen-to-body ratio) |
| | | HDR10+ Always-on display 120Hz@FHD, 60Hz@QHD |
| | Protection: | Corning Gorilla Glass 6 |
| | Resolution: | 1440 x 3200 pixels, 20:9 ratio (~511 ppi density) |
| Platform | OS: | Android 10.0; One UI 2 |
| | Chipset: | Exynos 990 |
| | CPU: | Octa-core (2x2.73 GHz Mongoose M5 & 2x2.50 GHz Cortex-A76 & 4x2.0 GHz Cortex-A55) |
| | GPU: | Mali-G77 MP11 |
| Memory | Card slot: | microSDXC (uses shared SIM slot) |
| | Internal: | 128GB 12GB RAM |
| | | UFS3.0 |
| Sound | Loudspeaker: | Yes, with stereo speakers |
| | 3.5mm jack: | No |
| | | 32-bit/384kHz audio Tuned by AKG |
| Comms | WLAN: | Wi-Fi 802.11 a/b/g/n/ac/ax, dual-band, Wi-Fi Direct, hotspot |
| | Bluetooth: | 5.0, A2DP, LE |
| | GPS: | Yes, with A-GPS, GLONASS, BDS, GALILEO |
| | Radio: | No |
| | USB: | 3.2, Type-C 1.0 reversible connector, USB On-The-Go |
| | NFC: | Yes |
| Features | Sensors: | Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer |
| | | ANT+ Bixby natural language commands and dictation Samsung DeX (desktop experience support) |
| Battery | | Non-removable Li-Po 5000 mAh battery |
| | Charging: | Fast charging 45W USB Power Delivery 3.0 Fast Qi/PMA wireless charging 15W Power bank/Reverse wireless charging 9W |

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| Main Camera | Features: | LED flash, auto-HDR, panorama |
| | Video: | 4320p@24fps, 2160p@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, dual-video rec., stereo sound rec., gyro-EIS & OIS |
| | Quad: | 108 MP, f/1.8, 26mm (wide), 1/1.33", 0.8µm, PDAF, OIS Periscope 48 MP, f/3.5, 103mm (telephoto), 1/2.0", 0.8µm, PDAF, OIS, 10x hybrid optical zoom 12 MP, f/2.2, 13mm (ultrawide), 1.4µm, Super Steady video 0.3 MP, TOF 3D, f/1.0, (depth) |
| Selfie camera | Video: | 2160p@30/60fps, 1080p@30fps |
| | Features: | Dual video call, Auto-HDR |
| | Dual: | 40 MP, f/2.2, 26mm (wide), 0.7µm, PDAF |