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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / CDMA / HSPA / EVDO / LTE](https://www.gsmarena.com/samsung_galaxy_s10+-9535.php) |
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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2019, February 20 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2019, March 08 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/samsung_galaxy_s10+-9535.php) | 157.6 x 74.1 x 7.8 mm (6.20 x 2.92 x 0.31 in) |
| [**Weight**](https://www.gsmarena.com/samsung_galaxy_s10+-9535.php) | 175 g / 198 g (ceramic) (6.17 oz) |
| [**Build**](https://www.gsmarena.com/glossary.php3?term=build) | Glass front (Gorilla Glass 6), glass back (Gorilla Glass 5), aluminum frame Glass front (Gorilla Glass 6), ceramic back, ceramic frame |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by) |
|  | IP68 dust/water resistant (up to 1.5m for 30 mins) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | Dynamic AMOLED, HDR10+ |
| [**Size**](https://www.gsmarena.com/samsung_galaxy_s10+-9535.php) | 6.4 inches, 103.8 cm2 (~88.9% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 1440 x 3040 pixels, 19:9 ratio (~522 ppi density) |
| [**Protection**](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass 6 |
|  | Always-on display |

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| **PLATFORM** | [**OS**](https://www.gsmarena.com/glossary.php3?term=os) | Android 9.0 (Pie), upgradable to Android 12, One UI 4.1 |
| [**Chipset**](https://www.gsmarena.com/glossary.php3?term=chipset) | Exynos 9820 (8 nm) - EMEA/LATAM Qualcomm SM8150 Snapdragon 855 (7 nm) - USA/China |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Octa-core (2x2.73 GHz Mongoose M4 & 2x2.31 GHz Cortex-A75 & 4x1.95 GHz Cortex-A55) - EMEA/LATAM Octa-core (1x2.84 GHz Kryo 485 & 3x2.42 GHz Kryo 485 & 4x1.78 GHz Kryo 485) - USA/China |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Mali-G76 MP12 - EMEA/LATAM Adreno 640 - USA/China |

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| **MEMORY** | [**Card slot**](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSDXC (uses shared SIM slot) - dual SIM model only |
| [**Internal**](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 128GB 6GB RAM, 128GB 8GB RAM, 512GB 8GB RAM, 1TB 12GB RAM |
|  | UFS 2.1 |

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| **MAIN CAMERA** | [**Triple**](https://www.gsmarena.com/glossary.php3?term=camera) | 12 MP, f/1.5-2.4, 26mm (wide), 1/2.55", 1.4µm, Dual Pixel PDAF, OIS 12 MP, f/2.4, 52mm (telephoto), 1/3.6", 1.0µm, AF, OIS, 2x optical zoom 16 MP, f/2.2, 12mm (ultrawide), 1/3.1", 1.0µm, 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) | 4K@60fps (no EIS), 4K@30fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS & OIS |

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| **SELFIE CAMERA** | [**Dual**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 10 MP, f/1.9, 26mm (wide), 1/3", 1.22µm, Dual Pixel PDAF 8 MP, f/2.2, 22mm (wide), 1/4", 1.12µm, depth sensor |
| [**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) | Yes |
|  | 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/6, dual-band, Wi-Fi Direct, hotspot |
| [**Bluetooth**](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 5.0, A2DP, LE, aptX |
| [**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) | FM radio (USA & Canada only) |
| [**USB**](https://www.gsmarena.com/glossary.php3?term=usb) | USB Type-C 3.1 |

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| **FEATURES** | [**Sensors**](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2 |
|  | ANT+ Bixby natural language commands and dictation Samsung DeX (desktop experience support) Samsung Pay (Visa, MasterCard certified) |

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| **BATTERY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Ion 4100 mAh, non-removable |
| [**Charging**](https://www.gsmarena.com/glossary.php3?term=battery-charging) | Fast charging 15W USB Power Delivery 2.0 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) | Prism White, Prism Black, Prism Green, Prism Blue, Canary Yellow, Flamingo Pink, Ceramic Black, Ceramic White, Cardinal Red, Smoke Blue |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | SM-G975F, SM-G975U, SM-G975W, SM-G975U1, SM-G9750, SM-G975N, SM-G975X |
| [**SAR**](https://www.gsmarena.com/glossary.php3?term=sar) | 1.06 W/kg (head)     1.03 W/kg (body) |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.52 W/kg (head)     1.58 W/kg (body) |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 271.00 / € 474.43 / £ 237.99](https://www.gsmarena.com/samsung_galaxy_s10+-price-9535.php) |

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| **TESTS** | [**Performance**](https://www.gsmarena.com/glossary.php3?term=benchmarking) | AnTuTu: 333736 (v7), 399901 (v8) GeekBench: 10387 (v4.4), 2190 (v5.1) GFXBench: 23fps (ES 3.1 onscreen) |
| [**Display**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal), 4.514 (sunlight)](https://www.gsmarena.com/samsung_galaxy_s10_plus-review-1901p3.php) |
| [**Camera**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=9535&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=9535&nSuggest=1) |
| [**Loudspeaker**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p7.php) | [-24.7 LUFS (Very good)](https://www.gsmarena.com/samsung_galaxy_s10_plus-review-1901p3.php#ls) |
| [**Audio quality**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -93.0dB / Crosstalk -94.3dB](https://www.gsmarena.com/samsung_galaxy_s10_plus-review-1901p3.php#aq) |
| [**Battery life**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 91h](https://www.gsmarena.com/samsung_galaxy_s10+-9535.php) |
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