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Galaxy S10 Line Product Specifications:

	Galaxy S10e	Galaxy S10	Galaxy S10+	Galaxy S10+ 5G
Display	5.8-inch, Full HD+ Flat Dynamic AMOLED, 19:9 (438ppi)	6.1-inch Quad HD+ Curved Dynamic AMOLED, 19:9 (550ppi) <i>* Default resolution is Full HD+ and can be changed to Quad HD+ (WQHD+) in Settings.</i>	6.4-inch Quad HD+ Curved Dynamic AMOLED, 19:9 (522ppi) <i>* Default resolution is Full HD+ and can be changed to Quad HD+ (WQHD+) in Settings.</i>	6.7-inch Quad HD+ Curved Dynamic AMOLED, 19:9 (505ppi) <i>* Default resolution is Full HD+ and can be changed to Quad HD+ (WQHD+) in Settings.</i>
	<i>* Screen measured diagonally as a full rectangle without accounting for the rounded corners</i>			
Camera	Rear: Dual Camera with OIS – Wide-angle: 12MP Super Speed Dual Pixel AF, F1.5/F2.4, OIS (77°) – Ultra Wide: 16MP FF, F2.2 (123°) – 0.5X optical zoom, up to 8X digital zoom Front: – Selfie: 10MP Dual Pixel AF, F1.9 (80°)	Rear: Triple Camera with Dual OIS – Telephoto: 12MP PDAF, F2.4, OIS (45°) – Wide-angle: 12MP Super Speed Dual Pixel AF, F1.5/F2.4, OIS (77°) – Ultra Wide: 16MP FF, F2.2 (123°) – 0.5X/2X optical zoom, up to 10X digital zoom Front: – Selfie: 10MP Dual Pixel AF, F1.9 (80°)	Rear: Triple Camera with Dual OIS – Telephoto: 12MP PDAF, F2.4, OIS (45°) – Wide-angle: 12MP Super Speed Dual Pixel AF, F1.5/F2.4, OIS (77°) – Ultra Wide: 16MP FF, F2.2 (123°) – 0.5X/2X optical zoom, up to 10X digital zoom Front: Dual Camera – Selfie: 10MP Dual Pixel AF, F1.9 (80°) – RGB Depth: 8MP FF, F2.2 (90°)	Rear: Quadruple Camera with Dual OIS – Telephoto: 12MP PDAF, F2.4, OIS (45°) – Wide-angle: 12MP Super Speed Dual Pixel AF, F1.5/F2.4, OIS (77°) – Ultra Wide: 16MP FF, F2.2 (123°) – 0.5X/2X optical zoom, up to 10X digital zoom – 3D Depth: hQVGA Front: – Selfie: 10MP Dual Pixel AF, F1.9 (80°) – 3D Depth: hQVGA
Body	69.9 x 142.2 x 7.9mm, 150g	70.4 x 149.9 x 7.8mm, 157g	74.1 x 157.6 x 7.8mm, 175g (Ceramic: 198g)	77.1 x 162.6 x 7.94mm, 198g
AP	7nm 64-bit Octa-core processor (Max. 2.8 GHz + 2.4 GHz + 1.7 GHz) 8nm 64-bit Octa-core processor (Max. 2.7 GHz + 2.3 GHz + 1.9 GHz) <i>* May differ by market and mobile operator.</i>			
Memory	6GB/8GB RAM (LPDDR4X), 128GB/256GB + MicroSD slot (up to 512GB)	8GB RAM (LPDDR4X), 128GB/512GB + MicroSD slot (up to 512GB)	8GB/12GB RAM (LPDDR4X), 128GB/512GB/1TB + MicroSD slot (up to 512GB)	8GB + 256GB (No MicroSD)
	<i>* May differ by market and mobile operator.</i> <i>* User memory is less than the total memory due to storage of the operating system and software used to operate the device features. Actual user memory will vary depending on the operator and may change after software upgrades are performed.</i>			

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SIM Card	Single: one Nano SIM and one MicroSD slot (up to 512GB) Dual (Hybrid): one Nano SIM and one Nano SIM or one MicroSD slot (up to 512GB) <i>* May differ by market and mobile operator. * MicroSD card sold separately.</i>			1 SIM
Battery¹	3,100mAh (typical)	3,400mAh (typical)	4,100mAh (typical)	4,500mAh (typical)
	Fast Charging compatible on wired and wireless Improved wireless charging speeds with Fast Wireless Charging 2.0			Super Fast Charging compatible on wired with
	Wireless PowerShare ² <i>* Wired charging compatible with QC2.0 and AFC * Wireless Charging compatible with WPC and PMA * May differ by market and mobile operator.</i>			QC2.0, AFC and PD3.0 Fast Charging compatible on wireless Improved wireless charging speeds with Fast Wireless Charging 2.0 Wireless PowerShare
OS	Android 9.0 (Pie)			
Network	Enhanced 4x4 MIMO, Up to 7CA, LAA, LTE Cat.20 150Mbps Upload + None 150Mbps Upload Standalone (NSA), Sub6 / mmWave (28G, 39G) <i>* May differ by market and mobile * May differ by market and mobile</i>			Enhanced 4x4 MIMO, Up to 7CA, LAA, LTE Cat.20 – 2.0Gbps download, – 2.0Gbps download, <i>operator. operator.</i>
Connectivity	Wi-Fi 802.11 a/ b/ g/ n/ ac/ ax (2.4/5GHz), VHT80 MU-MIMO, 1024QAM – 1.2Gbps Download / 1.2Gbps Upload <i>* May differ by market and mobile operator. Bluetooth® v 5.0, ANT+, USB Type-C, NFC, Location (GPS, Galileo*, Glonass, BeiDou*) * Galileo and BeiDou coverage may be limited.</i>			
Payment	NFC, MST <i>* May differ by market and mobile operator.</i>			
Sensors	Accelerometer, Barometer, Capacitive Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Proximity Sensor, RGB Light Sensor	Accelerometer, Barometer, Ultrasonic Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Heart Rate Sensor, Proximity Sensor, RGB Light Sensor		
Authentication	Lock Type: Swipe, Pattern, PIN, Password Biometric Lock Types: Fingerprints, Face			

¹ Typical value tested under third-party lab condition. Rated (minimum) capacity is less. Actual battery life may vary depending on network environment, usage patterns and other factors. For more information, please visit www.samsung.com.

² Wireless PowerShare limited to Samsung or other compatible smartphones with WPC Qi wireless charging, such as Galaxy S9, S9+, S8, S8+, S8 Active, S7, S7 edge, S7 Active, S6, S6 edge, S6 Active, S6 edge+, Note9, Note8, Note FE, Note5, and Samsung wearable devices including Galaxy Watch Active, Gear Sport, Gear S3, Galaxy Watch (46/42mm), and Galaxy Buds. May not work with non-Samsung accessories or covers. May affect call reception or data services, depending on your network environment.

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Audio	Stereo speakers and earphones: Sound by AKG Surround sound with Dolby Atmos technology (Dolby Digital, Dolby Digital Plus included) Audio Playback Format: MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DSF, DFF, APE
Video	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM

** All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice.*