

SA Galaxy S10E 128GB Black(SM-G970FZKDLUX)

Samsung Galaxy S10e - Smartphone - dual-SIM - 4G Gigabit Class LTE - 128 GB - microSDXC slot - TD-SCDMA / UMTS / GSM - 5.8" - 2280 x 1080 pixels (438 ppi) - Dynamic AMOLED - RAM 6 GB 10 Megapixel - 2x rear cameras - Android - prism black



Intelligent Performance recognizes patterns in your mobile behavior and optimizes usage based on them - even predicting future behavior and loading frequently used apps ahead of time. Learning from the way you live, Bixby Routines shuts down background apps to optimize power and invites you to automate daily rituals like leaving the house, working and going to sleep.

The revolutionary Dual Aperture lens self-adapts between f/1.5 and f/2.4 apertures, so you get beautiful photos in any light. The powerful, next-gen camera fits more in each shot. And with ultra-wide lens correction, your wide shots won't be distorted.

Delete when you want to, not because you have to. The Galaxy S10e boasts vast internal storage, and you can add more via microSD card.

Share faster with Wi-Fi 6, even in a crowd, or connect remotely with LTE boasting download speeds up to 2.0 Gbps.

Key Selling Points

- So much screen, so little bezel
- One UI simplifies the way you use your phone
- Cinema-grade display you'll have to see to believe
- Completely redesigned to remove interruptions
- Power is yours to share
- Stream and share, wherever life takes you
- A total game changer
- Capture the wider world
- A smarter camera for better photos
- Daily rituals, elevated

Product Features

- So much screen, so little bezel
- A nearly frameless Cinematic Infinity Display allows for deeper, more detailed immersion in your content in a slim, balanced form.
- One UI simplifies the way you use your phone
- One UI is designed for how you use your phone: with one hand. Less clutter, less friction, less putting all your stuff down to do something on your phone.
- Cinema-grade display you'll have to see to believe
- Immerse yourself in rich tones and amazing contrast in every scene with a HDR10+ certified Infinity screen that delivers clear picture even in bright daylight.
- Completely redesigned to remove interruptions
- No notch, no distractions. Precise laser cutting and a Dynamic AMOLED screen that's easy on the eyes make the Infinity Display the most innovative.
- Power is yours to share
- Wireless PowerShare lets you charge Galaxy devices or even a friend's phone right from your device.
- Stream and share, wherever life takes you
- Intelligent Wi-Fi reaches faster speeds with Wi-Fi, connecting reliably and securely even on public networks.
- A total game changer
- Samsung has engineered both hardware and software to give you performance-enhanced gaming with minimal lag.
- Capture the wider world
- Use the Ultra Wide Camera to take stunning, cinematic photos with a full field of vision, just like the human eye.
- A smarter camera for better photos
- Pro Assist knows what you're looking at and can offer suggestions and adjust settings to help you get epic shots with a tap.
- Daily rituals, elevated
- Bixby Routines suggests frequently used apps and tasks based on time or location to develop a naturally smart experience - just for you.

Main Specifications

Product Description	Samsung Galaxy S10e - prism black - 4G - 128 GB - TD-SCDMA / UMTS / GSM - smartphone
Product Type	Smartphone 4G

Manufacturer Model Number	SM-G970F/DS
Display	OLED display - 2280 x 1080 pixels - 5.8"- 438 ppi - Infinity-O Dynamic AMOLED - HDR
Features	Stereo speakers,dual rear-facing camera,digital player
Processor	Samsung Exynos 2.7 GHz (8-core) - 64-bit
Memory	128 GB - RAM 6 GB + microSDXC slot - up to 512 GB
Operating System	Android 9.0 Pie
Rear Camera	12 Megapixel - wide-angle lens - f/1.5 &f/2.4 - focus:automatic
Second Rear Camera	16 Megapixel - ultra wide-angle lens - f/2.2
Front Camera	10 Megapixel - wide-angle lens - f/1.9 - automatic
Service Provider	Not specified
SIM Card Type	Nano SIM
SIM Card Slot Qty	Dual-SIM
Wireless Interface	NFC,Bluetooth,ANT+/ANT,Wi-Fi
Security Devices	Fingerprint reader,face recognition
Messaging Services	SMS,MMS
Connectors	3.5 mm headset jack,USB-C
Talk Time	Up to 1140 minute
Wireless Charging Standards	WPC,PMA,Qi,Fast Wireless Charging 2.0,Wireless PowerShare
Protection	Dustproof,waterproof
Colour	Prism black
Dimensions (WxDxH)	69.9 mm x 7.9 mm x 142.2 mm
Weight	150 g
SAR	1.575 W/kg (body) / 0.582 W/kg (head)

Extended Specification

General

Product Type	Smartphone
Manufacturer Model Number	SM-G970F/DS
Form Factor	Touch
Protection	Dustproof,waterproof
Integrated Components	Voice recorder,stereo speakers,navigation,dual rear-facing camera,digital player
Width	69.9 mm
Depth	7.9 mm
Height	142.2 mm
Weight	150 g
Body Colour	Prism black
SAR Value	1.575 W/kg (body) / 0.582 W/kg (head)

Cellular

Technology	TD-SCDMA / WCDMA (UMTS) / GSM
Mobile Broadband Generation	4G

Service Provider	Not specified
Operating System	Android 9.0 Pie
Intelligent Assistant	Bixby
Navigation	GPS, GLONASS, BeiDou, Galileo
SIM Card Type	Nano SIM
SIM Card Slot Qty	Dual-SIM
SIM Card Configuration Details	Nano SIM + nano SIM/microSD
Payment Technology	Samsung Pay
Input Device	Multi-touch, capacitive

Messaging & Internet

Messaging Services	SMS, MMS
Supported Social Networks and Blogs	Yes

Communications

Data Transmission	GPRS, EDGE, HSDPA, HSUPA, HSPA+, FDD-LTE, TDD-LTE, LAA
2G Band	GSM 850/900/1800/1900 / TD-SCDMA
3G UMTS Band	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency	2100, 1900, 1700, 850, 900
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 66
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 262500, FDD 1700 - 2110 AWS-3
Wireless Interface	NFC, Bluetooth 5.0 LE, ANT+/ANT, IEEE 802.11a/b/g/n/ac/ax

Phone Features

Phone Functions	Speakerphone, voice control, call timer, conference call, flight mode, voice dialing, vibrating alert
Sensors	Accelerometer, proximity sensor, barometer, gyro sensor, hall sensor, RGB sensor, pressure sensor, geo
Security Devices	Fingerprint reader, face recognition
Additional Features	MU-MIMO technology, Samsung KNOX, Live message, Bixby Vision

Media Player

Supported Digital Audio Standards	WAV,WMA,AAC,AMR,MP3,FLAC,XMF,OGG,MIDI,APE (Monkey's Audio),M4A,DSF,DSD,MXMF,OGA,3GA,AWB,IMY,RTTTL,RTX,OTA,DFF,MID
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Supported Digital Video Standards	MKV,FLV,AVI,MPEG-4,WMV,ASF,3GP,M4V,WebM,3G2
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Sound Enhancements	Dolby Digital Plus sound,Dolby Atmos sound technology,Surround sound,Dolby Digital sound
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Processor

Type	Samsung Exynos
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Clock Speed	2.7 GHz
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Processor Core Qty	8-core
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64-bit Architecture	Yes
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Memory

RAM	6 GB - LPDDR4X SDRAM
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Internal Memory Capacity	128 GB
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User Memory	107.8 GB
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Supported Flash Memory Cards	microSDHC,microSDXC - up to 512 GB
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Front Camera

Sensor Resolution	10 Megapixel
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Lens Type	Wide-angle lens
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Lens Aperture	F/1.9
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Focus Adjustment	Automatic
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Field of View (FoV)	80 degree(s)
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Pixel Size	1.22 μ m
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Camera Modes	Live Focus mode
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Features	Dual Pixel AF
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Rear Camera

Sensor Resolution	12 Megapixel
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Optical Image Stabiliser	Optical Image Stabiliser (OIS)
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Lens Type	Wide-angle lens
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Lens Aperture	F/1.5 & f/2.4
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Field of View (FoV)	77 degree(s)
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Pixel Size	1.4 μ m
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Focus Adjustment	Automatic
Digital Zoom	10
Self-Timer Delay	Yes
Special Effects	HDR,Grid Line,Motion photos
Camera Modes	Panorama,Slow motion mode,Pro mode,HYPERLAPSE,Super Slow-mo,AR Emoji,Flowers,Greenery,Trees,Sky,Mountains,Beaches,Watersides,Snow,Backlit,Text,Food,Live focus effect,Face,Baby,Person,Dog,Cat,People,Sunset,Sunrise,City,Waterfall,Scenery,Stage,Vehicles,Drin view
Face Detection	Face detection
Light Source	High CRI LED flash
Video Resolutions	1920 x 1080 (1080p) at 60 fps,1280 x 720 (720p) at 30 fps,3840 x 2160 (4K) at 60 fps,Super s at 960 fps,Slo-mo video 1920 x 1080 (1080p) at 240 fps
Features	VDIS (Video Digital Image Stabilisation),Dual Pixel Autofocus technology,Scene Optimiser,Flaw de

Second Rear Camera

Sensor Resolution	16 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2
Pixel Size	1 µm

Display

Type	OLED display
Technology	Infinity-O Dynamic AMOLED
Diagonal Size	5.8"
Display Resolution	2280 x 1080 pixels
Display Format	Full HD+
Pixel Density	438 ppi
Colour Depth	16.7 million colours
HDR	Yes
Features	HDR10+

Connections

Connector Type	USB Type-C - 24 pin USB-C Headset jack - mini-phone 3.5mm
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Battery

Capacity	3100 mAh
Wireless Charging	Yes
Wireless Charging Standards	WPC,PMA,Qi,Fast Wireless Charging 2.0,Wireless PowerShare
Talk Time	1140 minute
Run Time Details	Talk (3G):up to 1140 min Active online usage (Wi-Fi):up to 14 hrs Active online usage (3G):up to 12 hrs

Active online usage (LTE): up to 13 hrs
Playback (audio): up to 76 hrs
Playback (video): up to 18 hrs

Miscellaneous

Compliant Standards	IP68
Included Accessories	Power adapter,SIM card removal tool,USB-C cable,headset (tuned by AKG),clear cover case,USB c

Environmental Parameters

Max Depth of Water Resistance	1.5 m
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*Tech Data is not responsible for errors in the documentation of products.