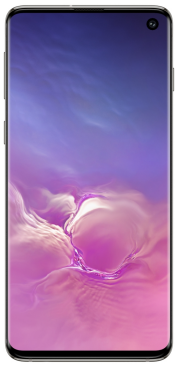
SAMSUNG

Samsung Galaxy S10 SM-G973F 15.5 cm (6.1") Android 9.0 4G USB Type-C 8 GB 128 GB 3400 mAh Black



Brand : Samsung

Product family: Galaxy

Product code: SM-G973FZKDBTU

Product name : SM-G973F

6.1", Quad HD+ Curved Dynamic AMOLED, 19:9 (550ppi), 8nm 64-bit Octa-core (Max. 2.7 GHz + 2.3 GHz + 1.9 GHz), 8GB RAM (LPDDR4X), 3400mAh, LTE Cat.20, Android
Samsung Galaxy S10 SM-G973F. Display diagonal: 15.5 cm (6.1"), Display resolution: 1440 x 3040 pixels. Processor frequency: 2.7 GHz, Processor family: Samsung Exynos. RAM capacity: 8 GB, RAM type: LPDDR4X, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. Operating system installed: Android 9.0. Battery capacity: 3400 mAh. Product colour: Black. Weight: 157 g

Display	
Display diagonal *	15.5 cm (6.1")
Screen shape	Curved edge screen
Display technology marketing name	Dynamic AMOLED
Panel type	OLED
Display resolution *	1440 x 3040 pixels
Display number of colours	16 million colours
Touch technology	Multi-touch
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)
Touchscreen type	Capacitive
Pixel density	550 ppi
Rounded display corners	✓

Processor	
Processor family *	Samsung Exynos
Processor cores	8
Processor frequency *	2.7 GHz
64-bit computing	✓
Processor lithography	8 nm
Coprocessor	✓
Coprocessor frequency	1.9 GHz

Storage	
RAM capacity *	8 GB
RAM type	LPDDR4X
Internal storage capacity *	128 GB
Compatible memory cards *	MicroSD (TransFlash)

Ports & interfaces	
USB port *	✓
USB connector type	USB Type-C
Headphone connectivity	3.5 mm
ANT+ enabled	✓

Messaging	
Short Message Service (SMS)	✓
Multimedia Messaging Service (MMS)	✓
Instant messaging (IM)	✓
Chat	✓
E-mail	✓
Text prediction system	✓

Design	
Form factor *	Bar
Product colour *	Black
Colour name	Prism Black
International Protection (IP) code	IP68
Protection features	Dust resistant, Water resistant

Performance	
Video call	✓
Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Face recognition	✓
Personal info management (PIM)	Alarm clock, Calculator, Calendar, Notes
Speakerphone	✓

Storage

Maximum memory card size	512 GB
USB mass storage	✓

Camera

Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	16 MP
Rear camera dual aperture number	1.5/2.4
Second rear camera aperture number	2.4
Third rear camera aperture number	2.2
Rear camera field of view (FOV) angle	77°
Second rear camera field of view (FOV) angle	45°
Optical zoom	2x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	10 MP
Front camera aperture number	1.9
Front camera field of view (FOV) angle	80°
Rear camera flash *	✓
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	960 fps
Resolution at capture speed	1920x1080@30fps, 3840x2160@30fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Triple camera
Auto focus	✓
Zoom capability	✓
Face detection	✓
Video recording	✓
Video stabilizer	✓
Image stabilizer	✓
Geotagging	✓
Multi-shot	✓
Self-timer	✓
Night mode	✓

Network

Mobile network generation *	4G
SIM card type *	NanoSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE
Wi-Fi *	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth *	✓
Bluetooth version	5.0
Tethering (modem-mode)	✓
Wi-Fi Direct	✓
Near Field Communication (NFC)	✓

Subscription

Subscription type *	No subscription

Performance

Flight mode	✓
Voice dialling	✓
Personalization	Icons, Menu, Shortcuts
Support for contact groups	✓
Microphone mute	✓
Themes	Wallpapers
Vibrating alert	✓

Navigation

Assisted GPS (A-GPS)	✓
GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Electronic compass	✓
Pedestrian navigation	✓
Position location *	✓
Wi-Fi positioning	✓

Multimedia

Speakers	stereo
Audio system	Dolby Atmos
Speakers manufacturer	AKG
Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGG, OTA, RTTTL, WAV, WMA, XMF
Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV

Call management

Call waiting	✓
Call divert	✓
Call hold	✓
Call blocking	✓
Caller ID	✓
Conference call	✓
Speed dialling	✓

Software

Platform *	Android
Operating system installed *	Android 9.0
App distribution platform	Google Play
Google applications	Google Maps, Google Play, YouTube
Virtual assistant	Samsung Bixby

Battery

Battery capacity *	3400 mAh

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Orientation sensor	✓
Barometer	✓

Weight & dimensions

Width	70.4 mm
Depth	7.8 mm
Height	149.9 mm
Weight *	157 g

Certificates

Head SAR (EU)	0.477 W/kg
Body SAR (EU)	1.593 W/kg

Packaging content	
AC adapter included	✓
Quick start guide	✓
Cables included	USB
SIM card ejector pin	✓
Other features	
Touchscreen	✓

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Publication date: 01-AUG-2024. Prints or copies of Information are only valid on the printed Publication date