SAMSUNG

Samsung Galaxy A80 17 cm (6.7") Dual SIM Android 9.0 4G USB Type-C 8 GB 128 GB 3700 mAh Black
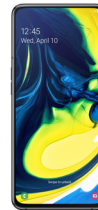
Brand : Samsung   **Product family:** Galaxy   **Product code:** SM-A805FZKDITV

Product name : A80

6.7", Full HD+ (1080x2400) Super AMOLED, Octa Core (2.2GHz Dual + 1.8GHz Hexa), Android 9.0 (Pie) Samsung Galaxy A80 . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2400 pixels. Processor frequency: 2.2 GHz, Processor family: Qualcomm Snapdragon, Processor model: 730. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 48 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 9.0. Battery capacity: 3700 mAh. Product colour: Black. Weight: 220 g

Display

Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Super AMOLED
Panel type	OLED
Display resolution *	1080 x 2400 pixels
Display number of colours	16 million colours
Native aspect ratio	20:9
Touch technology	Multi-touch
Touchscreen type	Capacitive
Pixel density	393 ppi
Rounded display corners	✔

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	730
Processor architecture	ARM Cortex-A76
Processor cores	2
Processor frequency *	2.2 GHz
64-bit computing	✔
Processor lithography	8 nm
Coprocessor	✔
Coprocessor frequency	1.8 GHz
Coprocessor architecture	ARM Cortex-A55
Coprocessor cores	6

Storage

User memory	108.2 GB
RAM capacity *	8 GB
Internal storage capacity *	128 GB
Compatible memory cards *	Not supported
USB mass storage	✔

Ports & interfaces

USB version	2.0
Mobile High-Definition Link (MHL)	✘
ANT+ enabled	✔

Messaging

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

Navigation

Assisted GPS (A-GPS)	✔
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Position location *	✔
Wi-Fi positioning	✔

Design

Form factor *	Bar
Product colour *	Black
Colour name	Phantom Black

Performance

Fast charging	✔
Graphics card	Adreno 618
Fingerprint reader	✔
Personal info management (PIM)	Alarm clock, Calculator, Calendar

Camera

Rear camera resolution (numeric) *	48 MP
Second rear camera resolution (numeric)	8 MP
Rear camera aperture number	2
Second rear camera aperture number	2.2
Third rear camera aperture number	1.2
Rear camera pixel size	0.8 μm
Second rear camera pixel size	1.12 μm
Rear camera field of view (FOV) angle	80°
Second rear camera field of view (FOV) angle	123°
Third rear camera field of view (FOV) angle	72°
Digital zoom	8x
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1280x720@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Triple camera
Auto focus	✔
Zoom capability	✔
Video recording	✔
Rotating camera	✔
Geotagging	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	4G
SIM card type *	NanoSIM
2G standards	GSM
3G standards *	UMTS, WCDMA
4G standard *	LTE
Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.0
Bluetooth Low Energy (BLE)	✔
2G bands (primary SIM)	850,900,1800,1900 MHz
2G bands (secondary SIM)	850,900,1800,1900 MHz
3G bands supported	850,900,1900,2100 MHz
4G bands supported	800,850,900,1800,2100,2600 MHz
Tethering (modem-mode)	✔
Wi-Fi Direct	✔
MIMO	✔
Near Field Communication (NFC)	✔

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port	✔
USB connector type	USB Type-C

Performance

Speakerphone	✔
Flight mode	✔
Personalization	Icons, Menu, Shortcuts
Support for contact groups	✔
Microphone mute	✔
Themes	Wallpapers
Vibrating alert	✔

Multimedia

Supported video modes	720p, 1080p, 2160p
Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV

Call management

Call waiting	✔
Call divert	✔
Call hold	✔
Caller ID	✔
Conference call	✔
Speed dialling	✔
Call timer	✔

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

Removable battery	✘
Battery capacity *	3700 mAh
Talk time (4G)	30 h
Browsing time (Wi-Fi)	13 h
Browsing time (4G)	13 h
Continuous audio playback time	51 h
Continuous video playback time	17 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Orientation sensor	✔
Geomagnetic sensor	✔
Hall sensor	✔

Weight & dimensions

Width	76.5 mm
Depth	9.3 mm
Height	165.2 mm
Weight *	220 g

Certificates

Head SAR (EU)	0.22 W/kg
Body SAR (EU)	1.43 W/kg

Packaging content

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

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