SAMSUNG

Samsung Galaxy Note10+ SM-N975F 17.3 cm (6.8") Hybrid Dual SIM Android 9.0 4G USB Type-C 12 GB 512 GB 4300 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-N975FZKGDBT

Product name : SM-N975F

6.8" Quad HD+, Dynamic AMOLED, 3040x1440, 498ppi, 12GB RAM, Dual Core 2.7GHz + Dual Core 2.4GHz + Quad Core 1.9GHz, 4300mAh, Android
Samsung Galaxy Note10+ SM-N975F. Display diagonal: 17.3 cm (6.8"), Display resolution: 3040 x 1440 pixels. Processor frequency: 2.7 GHz. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Quad camera. SIM card capability: Hybrid Dual SIM. Operating system installed: Android 9.0. Battery capacity: 4300 mAh. Product colour: Black. Weight: 196 g

Display

Display diagonal *	17.3 cm (6.8")
Screen shape	Curved edge screen
Display technology marketing name	Dynamic AMOLED
Panel type	OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass 6
Display resolution *	3040 x 1440 pixels
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	498 ppi

Processor

Processor cores	8
Processor frequency *	2.7 GHz
64-bit computing	✔
Processor lithography	7 nm
Cores frequencies	Dual Core 2.7GHz + Dual Core 2.4GHz + Quad Core 1.9GHz
Coprocessor	✔

Storage

RAM capacity *	12 GB
Internal storage capacity *	512 GB
Compatible memory cards *	MicroSD (TransFlash)

Ports & interfaces

USB connector type	USB Type-C
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	Aura Black
Protection features	Dust resistant, Water resistant

Storage

Maximum memory card size	1 TB
USB mass storage	✔

Camera

Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	16 MP
Third rear camera resolution (numeric)	12 MP
Rear camera dual aperture number	1.5/2.4
Second rear camera aperture number	2.2
Third rear camera aperture number	2.1
Fourth rear camera aperture number	1.4
Rear camera pixel size	1.4 µm
Second rear camera pixel size	1 µm
Third rear camera pixel size	1 µm
Rear camera field of view (FOV) angle	77°
Second rear camera field of view (FOV) angle	123°
Third 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	2.2
Front camera pixel size	1.22 µm
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@60fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Quad camera
Auto focus	✔
Zoom capability	✔
Face detection	✔
Video recording	✔
Video stabilizer	✔
Image stabilizer	✔
Geotagging	✔
Multi-shot	✔
Self-timer	✔
Night mode	✔

Network

SIM card capability *	Hybrid Dual SIM
Mobile network generation *	4G
SIM card type *	NanoSIM
2G standards	Edge, GPRS, GSM
3G standards *	HSDPA, HSPA+, HSUPA, UMTS
4G standard *	LTE
Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)

Performance

Video call	✔
Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
Personal info management (PIM)	Alarm clock, Calculator, Calendar, Countdown timer, Notes, Stopwatch
Speakerphone	✔
Flight mode	✔
Personalization	Icons, Menu, Shortcuts
Support for contact groups	✔
Microphone mute	✔
Themes	Wallpapers
USB On-The-Go support	✔
Vibrating alert	✔

Multimedia

Speakers	stereo
Playback modes	Zoom
Audio system	Dolby Atmos
Speakers manufacturer	AKG
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
Image formats supported	BMP, GIF, HEIF, JPEG, PNG, WBMP, WEBP

Call management

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

Pen

Pen included	✔
Pressure levels	4096
Accuracy pen	0.7 mm

Software

Platform *	Android
Operating system installed *	Android 9.0
App distribution platform	Google Play
Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, Google Voice Search, YouTube
Virtual assistant	Samsung Bixby

Battery

Wireless Power Share	✔
Battery capacity *	4300 mAh

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔

Network	
Bluetooth *	✔
Bluetooth version	5.0
Bluetooth Low Energy (BLE)	✔
Tethering (modem-mode)	✔
Wi-Fi Direct	✔
MIMO	✔
Near Field Communication (NFC)	✔

Subscription	
Subscription type *	No subscription

Ports & interfaces	
USB port	✔

Sensors	
Gyroscope	✔
Orientation sensor	✔
Barometer	✔
Geomagnetic sensor	✔
Hall sensor	✔

Endurance	
International Protection (IP) code *	IP68

Weight & dimensions	
Width	77.2 mm
Depth	7.9 mm
Height	162.3 mm
Weight *	196 g
Pen dimensions LxD	105.08 x 5.8 mm
Pen weight	3.04 g

Certificates	
Head SAR (EU)	0.187 W/kg
Body SAR (EU)	1.404 W/kg
Extremities SAR (EU)	2.21 W/kg

Packaging content	
AC adapter included *	✔
Quick start guide	✔
Cables included	USB Type-C
Headset included	✔
SIM card ejector pin	✔
Tweezers	✔
Pen nibs included	✔

Other features	
Touchscreen	✔

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