

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		Ports & interfaces	
Display diagonal *	17.3 cm (6.8")	USB connector type	USB Type-C
Screen shape	Curved edge screen	ANT+ enabled	✓
Display technology marketing name	Dynamic AMOLED	Messaging	
Panel type	OLED	Short Message Service (SMS)	✓
Display glass type	Gorilla Glass	Multimedia Messaging Service (MMS)	✓
Gorilla Glass version	Gorilla Glass 6	Instant messaging (IM)	✓
Display resolution *	3040 x 1440 pixels	Chat	✓
Touch technology	Multi-touch	E-mail	✓
High Dynamic Range (HDR) supported	✓	Text prediction system	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Navigation	
Touchscreen type	Capacitive	Assisted GPS (A-GPS)	✓
Pixel density	498 ppi	GPS (satellite)	✓
Processor		GLONASS	✓
Processor cores	8	BeiDou	✓
Processor frequency *	2.7 GHz	Galileo	✓
64-bit computing	✓	Position location *	✓
Processor lithography	7 nm	Wi-Fi positioning	✓
Cores frequencies	Dual Core 2.7GHz + Dual Core 2.4GHz + Quad Core 1.9GHz	Design	
Coprocessor	✓	Form factor *	Bar
Storage		Product colour *	Black
RAM capacity *	12 GB	Colour name	Aura Black
Internal storage capacity *	512 GB	Protection features	Dust resistant, Water resistant
Compatible memory cards *	MicroSD (TransFlash)		

Storage		Performance	
Maximum memory card size	1 TB	Video call	✓
USB mass storage	✓	Fast charging	✓
Camera		Wireless charging	✓
Rear camera resolution (numeric) *	12 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	16 MP	Face recognition	✓
Third rear camera resolution (numeric)	12 MP	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Countdown timer, Notes, Stopwatch
Rear camera dual aperture number	1.5/2.4	Speakerphone	✓
Second rear camera aperture number	2.2	Flight mode	✓
Third rear camera aperture number	2.1	Personalization	Icons, Menu, Shortcuts
Fourth rear camera aperture number	1.4	Support for contact groups	✓
Rear camera pixel size	1.4 µm	Microphone mute	✓
Second rear camera pixel size	1 µm	Themes	Wallpapers
Third rear camera pixel size	1 µm	USB On-The-Go support	✓
Rear camera field of view (FOV) angle	77°	Vibrating alert	✓
Second rear camera field of view (FOV) angle	123°	Multimedia	
Third rear camera field of view (FOV) angle	45°	Speakers	stereo
Optical zoom	2x	Playback modes	Zoom
Digital zoom	10x	Audio system	Dolby Atmos
Front camera type *	Single camera	Speakers manufacturer	AKG
Front camera resolution (numeric) *	10 MP	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
Front camera aperture number	2.2		Video formats supported
Front camera pixel size	1.22 µm	Image formats supported	BMP, GIF, HEIF, JPEG, PNG, WBMP, WEBP
Front camera field of view (FOV) angle	80°		
Rear camera flash *	✓	Call management	
Flash type	LED	Call waiting	✓
Video capture resolution (max)	3840 x 2160 pixels	Call divert	✓
Maximum frame rate	960 fps	Call hold	✓
Resolution at capture speed	1920x1080@60fps, 3840x2160@60fps	Caller ID	✓
Video recording modes	720p, 1080p, 2160p	Conference call	✓
Rear camera type *	Quad camera	Speed dialling	✓
Auto focus	✓	Call timer	✓
Zoom capability	✓	Pen	
Face detection	✓	Pen included	✓
Video recording	✓	Pressure levels	4096
Video stabilizer	✓	Accuracy pen	0.7 mm
Image stabilizer	✓	Software	
Geotagging	✓	Platform *	Android
Multi-shot	✓	Operating system installed *	Android 9.0
Self-timer	✓	App distribution platform	Google Play
Night mode	✓	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, Google Voice Search, YouTube
Network			Virtual assistant
SIM card capability *	Hybrid Dual SIM	Battery	
Mobile network generation *	4G	Wireless Power Share	✓
SIM card type *	NanoSIM	Battery capacity *	4300 mAh
2G standards	Edge, GPRS, GSM	Sensors	
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Proximity sensor	✓
4G standard *	LTE	Accelerometer	✓
Wi-Fi	✓	Ambient light sensor	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		

Network		Sensors	
Bluetooth *	✓	Gyroscope	✓
Bluetooth version	5.0	Orientation sensor	✓
Bluetooth Low Energy (BLE)	✓	Barometer	✓
Tethering (modem-mode)	✓	Geomagnetic sensor	✓
Wi-Fi Direct	✓	Hall sensor	✓
MIMO	✓	Endurance	
Near Field Communication (NFC)	✓	International Protection (IP) code *	IP68
Subscription		Weight & dimensions	
Subscription type *	No subscription	Width	77.2 mm
Ports & interfaces		Depth	7.9 mm
USB port	✓	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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