

Samsung Galaxy Note10 SM-N970F 16 cm (6.3") Dual SIM Android 9.0 4G USB Type-C 8 GB 256 GB 3500 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-N970FZKDBTU

Product name : SM-N970F

- 6.3" FHD+
- Ultrasonic Fingerprint Scanner
- AKG Stereo Speakers
- Cellular 4G
- 256GB Memory

6.3", FHD+ (2280x1080) Dynamic AMOLED, 7nm 64-bit Octa-core processor(Max. 2.7 GHz + 2.4 GHz + 1.9 GHz), 8GB RAM, 256GB, 12+16+12MP/10MP, Wi-Fi 6, 3500mAh, IP68, Android 9 Pie
 Samsung Galaxy Note10 SM-N970F. Display diagonal: 16 cm (6.3"), Display resolution: 2280 x 1080 pixels. Processor frequency: 2,7 GHz. RAM capacity: 8 GB, RAM type: LPDDR4X, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 16 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 9.0. Battery capacity: 3500 mAh. Product colour: Black. Weight: 168 g



Display		Messaging	
Display diagonal *	16 cm (6.3")	Multimedia Messaging Service (MMS)	✓
Screen shape	Curved edge screen	Instant messaging (IM)	✓
Display technology marketing name	Dynamic AMOLED	Chat	✓
Panel type	OLED	E-mail	✓
Display resolution *	2280 x 1080 pixels	Text prediction system	✓
Native aspect ratio	19:9	Navigation	
Touch technology	Multi-touch	Assisted GPS (A-GPS)	✓
High Dynamic Range (HDR) supported	✓	GPS (satellite)	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	GLONASS	✓
Touchscreen type	Capacitive	BeiDou	✓
Pixel density	401 ppi	Galileo	✓
Processor		Position location *	✓
Processor cores	8	Wi-Fi positioning	✓
Processor frequency *	2,7 GHz	Design	
64-bit computing	✓	Form factor *	Bar
Processor lithography	7 nm	Product colour *	Black
Cores frequencies	2x 2.7GHz + 2x 2.4GHz + 4x 1.9GHz	Colour name	Aura Black
Storage		Protection features	Dust resistant, Waterproof
RAM capacity *	8 GB	Performance	
RAM type	LPDDR4X	Fast charging	✓
Internal storage capacity *	256 GB		

Storage		Performance	
USB mass storage	✓	Wireless charging	✓
Camera		Fingerprint reader	✓
Rear camera resolution (numeric) *	16 MP	Face recognition	✓
Second rear camera resolution (numeric)	12 MP	Personal info management (PIM)	Alarm clock, Calculator, Calendar
Third rear camera resolution (numeric)	12 MP	Speakerphone	✓
Rear camera resolution	4032 x 3024 pixels	Flight mode	✓
Rear camera aperture number	2,2	Voice commands	✓
Third rear camera aperture number	2,1	Personalization	Icons, Menu, Shortcuts
Rear camera pixel size	1 µm	Support for contact groups	✓
Second rear camera pixel size	1,4 µm	Microphone mute	✓
Third rear camera pixel size	1 µm	Themes	Wallpapers
Rear camera field of view (FOV) angle	123°	USB On-The-Go support	✓
Second rear camera field of view (FOV) angle	77°	Vibrating alert	✓
Third rear camera field of view (FOV) angle	45°	Multimedia	
Optical zoom	2x	Speakers	stereo
Digital zoom	10x	Playback modes	Zoom
Front camera type *	Single camera	Audio system	Dolby Atmos
Front camera resolution (numeric) *	10 MP	Speakers manufacturer	AKG
Front camera aperture number	2,2	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 pixel size	1,22 µm	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera field of view (FOV) angle	80°	Image formats supported	BMP, GIF, HEIF, JPEG, PNG, WBMP, WEBP
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 *	Triple camera	Speed dialing	✓
Auto focus	✓	Call timer	✓
Zoom capability	✓	Pen	
Video recording	✓	Pen included	✓
Video stabilizer	✓	Pressure levels	4096
Image stabilizer	✓	Accuracy pen	0,7 mm
Geotagging	✓	Software	
Multi-shot	✓	Platform *	Android
Self-timer	✓	Operating system installed *	Android 9.0
Night mode	✓	App distribution platform	Google Play
Network		Google applications	Google Maps, Google Play
SIM card capability *	Dual SIM	Virtual assistant	Samsung Bixby
Mobile network generation *	4G	Battery	
2G standards	Edge, GPRS, GSM	Battery capacity *	3500 mAh
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Sensors	
4G standard *	LTE	Proximity sensor	✓
Wi-Fi	✓	Accelerometer	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Ambient light sensor	✓
Bluetooth *	✓	Gyroscope	✓
Bluetooth version	5.0	Orientation sensor	✓
Tethering (modem-mode)	✓	Barometer	✓
Wi-Fi Direct	✓	Geomagnetic sensor	✓
MIMO	✓		

Network		Endurance	
Near Field Communication (NFC)	✓	International Protection (IP) code * IP68	
Subscription		Weight & dimensions	
Subscription type *	No subscription	Width	71,8 mm
Ports & interfaces		Depth	7,9 mm
		Height	151 mm
		Weight *	168 g
		Pen dimensions LxD	5,8 x 105,08 mm
USB port	✓	Pen weight	3,04 g
USB connector type	USB Type-C	Certificates	
ANT+ enabled	✓		
Messaging			
Short Message Service (SMS)	✓	Head SAR (EU)	0,209 W/kg
		Body SAR (EU)	1,523 W/kg
		Extremities SAR (EU)	2,58 W/kg
		Packaging content	
		AC adapter included *	✓
		Quick start guide	✓
		Cables included	USB Type-C
		Headset included	✓
		Stylus included	✓
		SIM card ejector pin	✓
		Tweezers	✓
		Pen nibs included	✓
Other features			
		Touchscreen	✓
		Repairability index	5.7



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