SAMSUNG

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

Marca : Samsung

Familia de productos: Galaxy

Código del producto: SM-N970FZKDE28

Nombre del producto : SM-N970F

Samsung Galaxy Note10 SM-N970F. Diagonal de la pantalla: 16 cm (6.3"), Resolución de la pantalla: 2280 x 1080 Pixeles. Frecuencia del procesador: 2.7 GHz. Capacidad de RAM: 8 GB, Capacidad de almacenamiento interno: 256 GB. Resolución de la cámara trasera (numérica): 12 MP, Tipo de cámara trasera: Triple cámara. Capacidad de la tarjeta SIM: SIM dual. Sistema operativo instalado: Android 9.0. Capacidad de batería: 3500 mAh. Color del producto: Negro. Peso: 168 g

Display

Display diagonal *	16 cm (6.3")
Screen shape	Curved edge screen
Display technology marketing name	Dynamic AMOLED
Panel type	OLED
Display resolution *	2280 x 1080 pixels
Native aspect ratio	19:9
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	401 ppi

Processor

Processor cores	8
Processor frequency *	2.7 GHz
64-bit computing	✔
Processor lithography	7 nm
Cores frequencies	2x 2.7GHz + 2x 2.4GHz + 4x 1.9GHz

Storage

User memory	224.6 GB
RAM capacity *	8 GB
Internal storage capacity *	256 GB

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	Aura Black
International Protection (IP) code	IP68
Protection features	Dust resistant, Waterproof

Performance

Video call	✔
Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
Personal info management (PIM)	Alarm clock, Calculator, Calendar
Speakerphone	✔
Flight mode	✔

Storage

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 resolution	4032 x 3024 pixels
Rear camera dual aperture number	1.5/2.4
Second rear camera aperture number	2.2
Third rear camera aperture number	2.1
Rear camera pixel size	1 μm
Second rear camera pixel size	1.4 μm
Third rear camera pixel size	1 μm
Rear camera field of view (FOV) angle	45°
Second rear camera field of view (FOV) angle	77°
Third rear camera field of view (FOV) angle	123°
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
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 *	Triple camera
Auto focus	✔
Zoom capability	✔
Face detection	✔
Video recording	✔
Video stabilizer	✔
Image stabilizer	✔
Geotagging	✔
Multi-shot	✔
Self-timer	✔
Night mode	✔

Network

SIM card capability *	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)
Bluetooth *	✔
Bluetooth version	5.0
Tethering (modem-mode)	✔

Performance

Personalization	Icons, Menu, Shortcuts
Support for contact groups	✔
Microphone mute	✔
Themes	Wallpapers
USB On-The-Go support	✔
Vibrating alert	✔

Navigation

Assisted GPS (A-GPS)	✔
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
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, 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
Virtual assistant	Samsung Bixby

Battery

Battery capacity *	3500 mAh
Talk time (4G)	24 h
Browsing time (Wi-Fi)	15 h
Browsing time (4G)	15 h
Continuous audio playback time	50 h
Continuous video playback time	17 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔

Network		**Sensors**	
Wi-Fi Direct	✔	Orientation sensor	✔
MIMO	✔	Barometer	✔
Near Field Communication (NFC)	✔	Geomagnetic sensor	✔

Subscription		**Weight & dimensions**	
Subscription type *	No subscription	Width	71.8 mm
		Depth	7.9 mm

Ports & interfaces			
USB port	✔	Height	151 mm
USB connector type	USB Type-C	Weight *	168 g
ANT+ enabled	✔	Pen dimensions LxD	105.08 x 5.8 mm
		Pen weight	3.04 g

Certificates	
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

Other features	
Touchscreen	✔
Repairability index	5.7

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