

## Samsung Galaxy Note20 5G SM-N981B 17 cm (6.7") Dual SIM Android 10.0 USB Type-C 8 GB 256 GB 4300 mAh Grey

Brand : Samsung

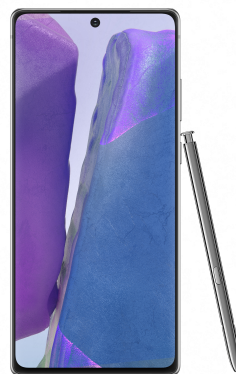
Product family: Galaxy

Product code: SM-N981BZAGEEA

Product name : SM-N981B

6.7", 2400 x 1080, Octa-Core, 64MP+12MP+12MP/10MP, Dual-SIM, 802.11 a/b/g/n/ac/ax, Bluetooth 5.0, NFC, 4300mAh, Android 10, Enterprise Edition, Mystic Grey

Samsung Galaxy Note20 5G SM-N981B. Display diagonal: 17 cm (6.7"), Display resolution: 2400 x 1080 pixels, Display type: Super AMOLED Plus. Processor family: Samsung Exynos, Processor model: 990. RAM capacity: 8 GB, RAM type: LPDDR5, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 64 MP. SIM card capability: Dual SIM. Operating system installed: Android 10.0. Battery capacity: 4300 mAh. Product colour: Grey. Weight: 192 g



Display		Network	
Display diagonal *	17 cm (6.7")	MIMO	✓
Screen shape	Flat	Near Field Communication (NFC)	✓
Display type	Super AMOLED Plus	Ports & interfaces	
Display glass type	Gorilla Glass	USB port *	✓
Gorilla Glass version	Gorilla Glass 5	USB connector type	USB Type-C
Display resolution *	2400 x 1080 pixels	USB version	3.2 Gen 1 (3.1 Gen 1)
Display number of colours	16 million colours	Messaging	
Contrast ratio (typical)	1000000:1	Short Message Service (SMS)	✓
Display brightness	420 cd/m²	Multimedia Messaging Service (MMS)	✓
High Dynamic Range (HDR) supported	✓	E-mail	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Design	
Rounded display corners	✓	Form factor *	Bar
Processor		Product colour *	Grey
Processor family *	Samsung Exynos	Colour name	Mystic Gray
Processor model *	990	International Protection (IP) code	IP68
Processor cores	8	Protection features	Dust resistant, Water resistant
Processor boost frequency	2.73 GHz	Performance	
Storage		Fast charging	✓
User memory	221.7 GB	Wireless charging	✓
RAM capacity *	8 GB	Fingerprint reader	✓
RAM type	LPDDR5	Face recognition	✓
Internal storage capacity *	256 GB	Speakerphone	✓
USB mass storage	✓	Voice dialling	✓
Camera		Voice commands	✓
Rear camera resolution (numeric) *	64 MP	Vibrating alert	✓
Second rear camera resolution (numeric)	12 MP	Navigation	
Third rear camera resolution (numeric)	12 MP	GPS (satellite)	✓
Rear camera aperture number	2	GLONASS	✓
		BeiDou	✓
		Galileo	✓

Camera		Navigation	
Second rear camera aperture number	1.8	Position location *	✓
Third rear camera aperture number	2.2	Wi-Fi positioning	✓
Multimedia			
Optical zoom	3x	Speakers	stereo
Digital zoom	30x	Audio system	Dolby Atmos
Front camera type *	Single camera	Audio formats supported	3GA, AAC, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Front camera resolution (numeric) *	10 MP		3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera aperture number	2.2	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Rear camera flash *	✓	Voice codecs	AMR-NB, AMR-WB, EFR, FR
Flash type	LED	Software	
Video capture resolution (max)	7680 x 4320 pixels	Platform *	Android
Maximum frame rate	960 fps	Operating system installed *	Android 10.0
Resolution at capture speed	1280x720@960fps, 1920x1080@240fps	App distribution platform	Google Play
Video recording modes	720p, 1080p, 2160p	Google applications	Google Maps, Google Play
Auto focus	✓	Virtual assistant	Samsung Bixby
Face detection	✓	Battery	
Video stabilizer	✓	Battery capacity *	4300 mAh
Image stabilizer	✓	Talk time (4G)	23 h
Geotagging	✓	Browsing time (Wi-Fi)	16 h
Multi-shot	✓	Browsing time (4G)	15 h
Self-timer	✓	Continuous audio playback time	74 h
Night mode	✓	Continuous video playback time	21 h
Network		Sensors	
SIM card capability *	Dual SIM	Proximity sensor	✓
Mobile network generation *	5G	Accelerometer	✓
SIM card type *	NanoSIM	Ambient light sensor	✓
3G standards *	WCDMA	Gyroscope	✓
4G standard *	LTE-TDD & LTE-FDD	Barometer	✓
5G standard *	Sub6 FDD, Sub6 TDD	Geomagnetic sensor	✓
Wi-Fi *	✓	Hall 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)	Weight & dimensions	
Bluetooth *	✓	Width	75.2 mm
Bluetooth version	5.0	Depth	8.3 mm
Bluetooth profiles	A2DP, AVRCP, HFP, HOGP, HSP, MAP, OPP, PAN, PBAP, SAP	Height	161.6 mm
aptX technology	✓	Weight *	192 g
3G bands supported	850,900,1900,2100 MHz	Packaging content	
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	AC adapter included	✓
5G bands supported	700,850,900,1800,2100,2300,2600,3500,3700 MHz	Quick start guide	✓
Tethering (modem-mode)	✓	Cables included	USB Type-C
Wi-Fi Direct	✓	Headset included	✓
		Stylus included	✓
		SIM card ejector pin	✓
		AC adapter power	25 W



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