

Samsung Galaxy Note20 5G SM-N981B 17 cm (6.7") Android 10 USB Type-C 8 GB 256 GB 4300 mAh Green

Brand : Samsung

Product family: Galaxy

Product code: SM-N981BZGGEUE

Product name : SM-N981B

6.7" 2400 x 1080 Super AMOLED Plus, Octa-Core 2.7GHz, 5G, 12 MP + 64 MP + 12 MP, 10MP, 4300mAh, Android 10

Samsung Galaxy Note20 5G SM-N981B. Display diagonal: 17 cm (6.7"), Display resolution: 2400 x 1080 pixels. Processor frequency: 2.7 GHz, Processor family: Samsung Exynos, Processor model: 990. RAM capacity: 8 GB, RAM type: LPDDR5, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. Operating system installed: Android 10. Battery capacity: 4300 mAh. Product colour: Green. Weight: 192 g



Display		Network	
Display diagonal *	17 cm (6.7")	Tethering (modem-mode)	✓
Screen shape	Flat	Wi-Fi Direct	✓
Display technology marketing name	Super AMOLED Plus	Miracast	✓
Panel type	OLED	MIMO	✓
Display glass type	Gorilla Glass	Near Field Communication (NFC)	✓
Gorilla Glass version	Gorilla Glass 5	Security algorithms	HTTPS
Display resolution *	2400 x 1080 pixels	Subscription	
Display number of colours	16 million colours	Subscription type *	No subscription
Contrast ratio (typical)	1000000:1	Ports & interfaces	
Display brightness	420 cd/m²	USB port	✓
High Dynamic Range (HDR) supported	✓	USB connector type	USB Type-C
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	USB version	3.2 Gen 1 (3.1 Gen 1)
Touchscreen type	Capacitive	Messaging	
Pixel density	393 ppi	Short Message Service (SMS)	✓
Rounded display corners	✓	Multimedia Messaging Service (MMS)	✓
Processor		E-mail	✓
Processor family *	Samsung Exynos	Navigation	
Processor model *	990	GPS (satellite)	✓
Processor cores	8	GLONASS	✓
Processor frequency *	2.7 GHz	BeiDou	✓
Storage		Galileo	✓
RAM capacity *	8 GB	Position location *	✓
RAM type	LPDDR5		
Internal storage capacity *	256 GB		

Storage		Navigation	
USB mass storage	✓	Wi-Fi positioning	✓
Camera		Design	
Rear camera resolution (numeric) *	12 MP	Form factor *	Bar
Second rear camera resolution (numeric)	64 MP	Product colour *	Green
Third rear camera resolution (numeric)	12 MP	Colour name	Mystic Green
Fourth rear camera resolution (numeric)	2 MP	Protection features	Dust resistant, Water resistant
Rear camera aperture number	1.8	Performance	
Second rear camera aperture number	2	Fast charging	✓
Third rear camera aperture number	2.2	Wireless charging	✓
Rear camera pixel size	1.8 µm	Fingerprint reader	✓
Second rear camera pixel size	0.8 µm	Face recognition	✓
Third rear camera pixel size	1.4 µm	Speakerphone	✓
Rear camera field of view (FOV) angle	79°	Voice dialling	✓
Second rear camera field of view (FOV) angle	76°	Voice commands	✓
Third rear camera field of view (FOV) angle	120°	Vibrating alert	✓
Optical zoom	3x	Multimedia	
Digital zoom	30x	Speakers	stereo
Front camera type *	Single camera	Audio system	Dolby Atmos
Front camera resolution (numeric) *	10 MP	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 aperture number	2.2	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera pixel size	1.22 µm	Voice codecs	AMR-NB, AMR-WB, EFR, FR
Front camera field of view (FOV) angle	80°	Software	
Rear camera flash *	✓	Platform *	Android
Flash type	LED	Operating system installed *	Android 10
Video capture resolution (max)	7680 x 4320 pixels	App distribution platform	Google Play
Maximum frame rate	960 fps	Google applications	Google Maps, Google Play
Resolution at capture speed	1280x720@960fps, 1920x1080@240fps	Virtual assistant	Samsung Bixby
Video recording modes	720p, 1080p, 2160p	Battery	
Rear camera type *	Triple camera	Battery voltage	3.88 V
Auto focus	✓	Battery recharge time	1.16 h
Face detection	✓	Wireless Power Share	✓
Video stabilizer	✓	Removable battery	✗
Image stabilizer	✓	Battery capacity *	4300 mAh
Geotagging	✓	Sensors	
Multi-shot	✓	Proximity sensor	✓
Self-timer	✓	Accelerometer	✓
Night mode	✓	Ambient light sensor	✓
Network		Gyroscope	✓
Mobile network generation *	5G	Barometer	✓
SIM card type *	NanoSIM	Geomagnetic sensor	✓
3G standards *	WCDMA	Hall sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Power	
Wi-Fi	✓	USB Type-C required charging power (max) *	25 W
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Endurance	
Bluetooth *	✓	International Protection (IP) code *	IP68
Bluetooth version	5.0	Weight & dimensions	
Bluetooth profiles	A2DP, AVRCP, HFP, HOGP, HSP, MAP, OPP, PAN, PBAP, SAP	Width	75.2 mm
aptX technology	✓	Depth	8.3 mm
3G bands supported	850,900,1900,2100 MHz	Height	161.6 mm
4G bands supported	700,800,850,1800,1900,2100,2300,2500,2600 MHz	Weight *	192 g

Certificates	
Head SAR (EU)	0.684 W/kg
Body SAR (EU)	1.368 W/kg
Extremities SAR (EU)	2.27 W/kg
Packaging content	
AC adapter included *	✓
Quick start guide	✓
Cables included	USB Type-C
Headset included	✓
Stylus included	✓
SIM card ejector pin	✓
Other features	
Touchscreen	✓
Repairability index	8.0



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